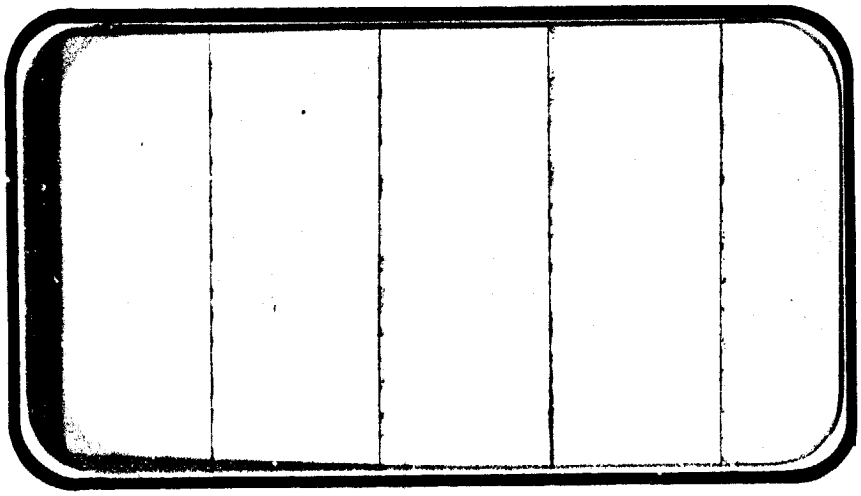
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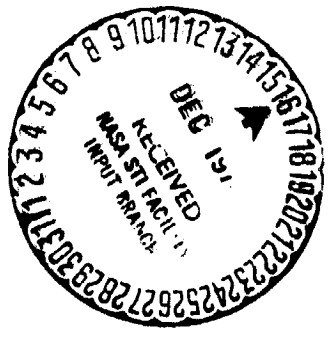
NASA CR-
134411



N75-12033

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Unclas
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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

November, 1974

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NASA CR-134,411

RESULTS OF AN EXPERIMENTAL AERODYNAMIC INVESTIGATION TO OBTAIN STATIC STABILITY AND CONTROL CHARACTERISTICS OF THE SSV CONFIGURATIONS 2A(VL70-000089B) MODEL 1 AND 3(VL70-000139B) MODEL 2 ORBITERS AT MACH NUMBERS OF 2.5, 3.9 AND 4.6 IN THE NASA LaRC 4 X 4-FOOT UPWT (OA44)

By

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Space Division

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services
Chrysler Corporation Space Division
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	LaRC UPWT 1035
NASA Series Number:	OA44
Model Numbers:	2VA(VL70-000089B) Model 1 and 3(VL70-000139B) Model 2
Test Date:	6-1-73 thru 6-15-73

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RESULTS OF AN EXPERIMENTAL AERODYNAMIC INVESTIGATION TO OBTAIN STATIC STABILITY AND CONTROL CHARACTERISTICS OF THE SSV CONFIGURATIONS 2A(VL70-000089B) MODEL 1 AND 3(VL70-000139B) MODEL 2 ORBITERS AT MACH NUMBERS OF 2.5, 3.9 AND 4.6 IN THE NASA LaRC 4 X 4-FOOT UPWT (0A44)

By

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Space Division

ABSTRACT

Investigation of Space Shuttle Orbiter configurations 2A(VL70-000089B) and 3(VL70-000139B) was performed at the Langley Research Center Unitary Plan Wind Tunnel (UPWT) from June 1, 1973, to June 15, 1973, for 60 test hours. The primary test objectives were to obtain stability and control characteristics for Configurations 2A and 3 and an alternate forebody used with Configuration 3. In addition, hinge moments were measured on the elevons and rudder for Configuration 2A only.

The configurations were tested at Mach Numbers 2.5, 3.9 and 4.6. Pitch runs were made at angles of attack from -4 to 44° and sideslip angles from -4 to +6. Static pressures were measured at the fuselage base for use in force data correction.

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Note: Plotted coefficients schedule on next page.

INDEX OF DATA FIGURES (Concluded)

PLOTTED COEFFICIENTS SCHEDULE:

(A) CL, CD, CDF, CN, CLM versus ALPHA, CL & CN versus CLM, CL versus CD, CA, CAF, CAB, L/D, XCP/L & CLMAFT versus ALPHA

(B) CLAFO, CDAFO, CDFAFO, CLMAFO, CLMCLO, L/DMAX & AFLDFX, CLLDMX versus MACH

(C) CA, CAF, CAB, L/D, XCP/L, CLMAFT, CL, CD, CDF, CN, CLM, L/DMAX & AFLDFX versus MACH

(D) CY, CYN, & CBL versus ALPHA

(E) DCY/DB, DCYNDB & DCBLDB versus ALPHA

(F) CY, CYN & CBL versus BETA

(G) CHET versus ALPHA

(H) CHR versus ALPHA

(I) CHRDR versus ALPHA

(J) CHRDR versus MACH

(K) CHRDLB versus ALPHA

(L) CHRDLB versus MACH

(M) CHR versus BETA

NOMENCLATURE
General

SYMBOL	PLOT SYMBOL	DEFINITION
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2, psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2, psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3, $slugs/ft^3$

Reference & C.G. Definitions

Ab		base area; m^2, ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
ℓ_{REF} or $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2, ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

SYMBOL	PLOT SYMBOL	DEFINITION
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qSl_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_l	CRL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qSl_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_l	CRL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (CONTINUED)

Surface Definitions

SYMBOL	PLOT SYMBOL	DEFINITION
δ_a	AILRON	aileron, total aileron deflection angle, degrees, (left aileron - right aileron)/2
δ_e	ELEVTR	elevator, surface deflection angle, positive deflection, trailing edge down; degrees
δ_{BF}	BDFLAP	body flap, surface deflection angle, positive deflection, trailing edge down; degrees
δ_{SB}	SPDBRK	speed brake, split rudder deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{rf} = (\delta_{rL} + \delta_{rR})/2$, positive deflection; degrees
δ_{e_L}	ELVN-L	left elevon, surface deflection angle, positive deflection, trailing edge down; degrees
δ_{e_R}	ELVN-R	right elevon, surface deflection angle, positive deflection, trailing edge down; degrees

NOMENCLATURE (Continued)

ADDITIONS TO STANDARD NOMENCLATURE

SYMBOL	PLOT SYMBOL	DESCRIPTION
C_{P_B}	CPB	Fuselage base pressure coefficient
$C_{P_{B_M}}$	CPBM	OMS pod base pressure coefficient
C_{P_C}	CPC	Cavity pressure coefficient
C_{A_C}	CAC	Cavity axial force coefficient
A_B		Fuselage base area, ft^2
A_{BM}		OMS pod base area, ft^2
A_{SC}		Sting cavity base area, ft^2
$C_{H_{ei}}$	CHEI	Elevon hinge moment coefficient - inboard
$C_{H_{eo}}$	CHEO	Elevon hinge moment coefficient - outboard
C_{H_r}	CHR	Rudder hinge moment coefficient
C_{H_e} Total	CHET	Elevon hinge moment coefficient - total
P_o	PO	Static pressure
P_T	PT	Total pressure (psf)
TTAV	TTAV	Average total temperature
X_{cp}/l	XCP/L	Center of pressure location, percent body length

NOMENCLATURE (Concluded)

ADDITIONS TO STANDARD NOMENCLATURE

SYMBOL	PLOT SYMBOL	DESCRIPTION
ALFLDX	ALFLDX	Angle of attack at maximum lift/drag ratio, degrees
CDAFO	CDAFO	Drag coefficient at angle of attack of zero degrees
CDFAFO	CDFAFO	Forebody drag coefficient at angle of attack of zero degrees
CLAFO	CLAFO	Lift coefficient at angle of attack of zero degrees
CLMAFO	CLMAFO	Pitching moment coefficient at angle of attack of zero degrees
CLMCLO	CLMCLO	Pitching moment coefficient at lift coefficient equal to zero
CHRDR	CHRDR	Rudder hinge moment coefficient due to rudder
CHRDLB	CHRDLB	Rudder hinge moment coefficient due to beta
L/D MAX	L/DMAX	Maximum lift/drag ratio
CLLDMX	CLLDMX	Lift coefficient at maximum lift/drag ratio
CLMAFT	CLMAFT	Pitching moment coefficient at aft C.G. location
DCY/DB	DCY/DB	side force due to beta, per degree
DCYNDB	DCYNDB	Yawing moment due to beta, per degree
DCBLDB	DCBLDB	Rolling moment due to beta, per degree

MODEL DESCRIPTION

The models used for this investigation were 0.015 scale representations of the SSV Orbiter Configuration 2A(VL70-000089B) and Configuration 3(VL70-000139B). Both models were tested with variable elevon, aileron, body flap, speed brake and rudder deflections. The Configuration 3 model contained fuselages with both a basic nose and a cambered nose.

Configuration 2A consisted of the following components:

Symbol	Definition
B_{10}	Basic 2A fuselage (VL70-000089B, -000092A, -000093, -000094)
C_5	Basic 2A canard (VL70-000092)
D_7	Basic 2A manipulator arm housing (VL70-000092A, -000093, -000094)
E_{18}	Elevons that provide a swept-forward trailing edge on the basic wing (VL70-000093), δ_e = -40, -20, 0, 10, 20 δ_a = 0, 5
F_4	Basic 2A body flap (VL70-000094), δ_F = -14.25, 0, 13.75
M_3	Basic 2A orbital maneuvering system (OMS)-reaction control system (RCS) pods (VL70-000094)
R_5	Split rudder for vertical tail (VL70-000095); δ_R = -10, 0 δ_{SB} = 54.92
V_5	Basic 2A vertical tail (VL70-000095)
W_{87}	Basic 2A wing with swept forward trailing edge (VL70-000093)
X_{16}	Boundary layer transition strip.

Configuration 3(VL70-000139B) consisted of the following components:

Symbol	Definition
B_{19}	Basic Configuration 3 fuselage with deviation in the aft contour lines (VL70-000139B)

Symbol	Definition
B_{21}	Alternate cambered forebody built by LRC with different nose shape from B_{19}
C_7	Basic Configuration 3 canopy built to Lines Drawing VL70-000139B
E_{23}	Elevons that provide a swept forward trailing edge on the basic wing (W_{107}) built to Lines Drawing VL70-000139B, δ_e = -44, -24, 0, 11
F_5	Basic Configuration 3 body flap (VL70-000139) δ_F = -14.25, 0, 13.75
M_4	Basic Configuration 3 OMS-RCS pods (VL70-000145)
R_5	Basic Configuration 3 rudder (VL70-000139B), δ_R = -10, 0 δ_{SB} = 54.92
V_7	Basic Configuration 3 vertical tail built to Lines Drawing VL70-000139
W_{107}	Basic Configuration 3 wing with incidence angle= 1/2 degree built to Lines Drawing VL70-000139B
X_{16}	Boundary layer transition strip.

Table III and Figure 2 provide a complete description of the test models. Figure 3 presents photographs of the model installed in the test facility.

FACILITY DESCRIPTION

The NASA LRC 4 foot Unitary Plan Wind Tunnel (UPWT) is a closed-circuit, continuous flow, variable density facility. The test section is 4 feet by 4 feet by 7 feet long.

Two tunnel legs are available for supersonic testing in the Mach number ranges 1.47 to 2.86 (Leg No. 1) and 2.29 to 4.63 (Leg No. 2). All of these tests were made in Leg No. . An asymmetric, sliding block nozzle position and total pressure setting provide the test Mach numbers at a specified Reynolds number. Reynolds number can be varied from 0.76 to 7.78 million per foot. Available stagnation pressure variation is 4.0 to 142. psia. Dynamic pressure variation is 95. to 1260. psf with normal operating stagnation temperature about 150°F in Mach modes 2 or 3 and about 175°F in Mach mode 4. The tunnel is equipped with a dry air supply, an evacuating system, and a cooling system. The facility power is approximately 83,000 horsepower.

Model mounting provisions consist of various sting arrangements, including axial (longitudinal), lateral (independent pitch and yaw), and roll movement with side wall support. A Schlieren system and oil flow visualization equipment are available. Data are recorded at the tunnel and reduced off-line at the Langley Computer Center. The tunnel is used for force and moment, pressure, and dynamic stability tests. Hot and cold jet effects and heat transfer have been studied in the UPWT.

DATA REDUCTION

Balance measured force and moment data were reduced about body and stability axes with origins as follows:

Configuration	C. G. Limit (reference)	Moment Reference Point	
		% body length	inches off of nose
2a	forward	66	876.48
2a	aft	68	903.05
3	forward	65	838.48
3	aft	67	864.29

These data were reduced to coefficient form using the following:

Symbol	Description	Value	
		Model	Full Scale
S	Wing Theoretical Area	0.0605 ft^2	2690 ft^2
$\bar{c}$	Wing Theoretical MAC	7.122 in.	474.8 in.
b	Wing Span	14.050 in.	936.68 in.

Pressures were measured on the model fuselage base, OMS pod base, and balance cavity, respectively. These pressures were reduced to coefficient form and used to compute base axial force as follows:

$$C_{A_b} = (C_{P_B} A_B + C_{P_{BM}} A_{B_M} + C_{P_C} A_{S_C})/S$$

where:

A_B = fuselage base area = 0.045 ft^2 model scale OMS pods on body flap on
0.048 ft^2 model scale OMS pods on body flap off
0.047 ft^2 model scale OMS pods off body flap on

A_{B_M} = OMS pods base area = 0.019 ft^2 model scale

A_{S_C} = balance cavity area = 0.034 ft^2 model scale

Hinge moment data were measured on the configuration 2A rudder, inboard elevon, and outboard elevon. These data were reduced to coefficient form using the following reference data:

rudder MAC = 1.116 in. model scale = 74.4 in. full scale

rudder area = 0.022 ft^2 model scale = 98.67 ft^2 full scale

elevon MAC = 1.360 in. model scale = 90.67 in. full scale

elevon area = 0.046 ft^2 model scale = 205.52 ft^2 full scale

Both inboard and outboard elevon hinge moment data were reduced using total elevon reference dimensions. Inboard and outboard elevon hinge moment coefficients have been summed to provide total elevon hinge moment for presentation in this report.

TEST : OA44 (LaRC UPWT #1035) | TABLE I. | DATE : 6/1/73

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit foot)	DYNAMIC PRESSURE (pounds/sq. foot)	STAGNATION TEMPERATURE (degrees Fahrenheit)
2.5	2.5×10^6	550	150
3.9	2.5×10^6	390	150
4.6	2.5×10^6	300	150

BALANCE UTILIZED: NASA/LaRC 832B

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	1000 lb.		
SF	250 lb.		
AF	85 lb.		
PM	2000 in.-lb.		
RM	500 in.-lb.		
YM	1000 in.-lb.		

COMMENTS: Hinge Moment Balances on rudder, inboard elevon, and outboard elevon.

Pressure orifices on fuselage base, OMS base, and balance cavity (1 each).

TABLE II.

TEST : OA44 (LRC UPWT 1035) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE : POST-TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{eL}	δ_{eR}	δ_R	δ_{BF}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δ_{SC}		2.5	3.9	4.6	TEST RUN NUMBERS
RPN *002	$B_{WC}C_SD_7M_3F_4W_{67}F_{WR}S_{VS}Y_{16}$	A	0	0	0	0	-14	3	55		4	6	12	
003			3	0	0		-14				5	7	13	
004			0	-40	-40		-14				18	19	20	
005				+10	+10		+13				21	22	23	
006				0	0		+13				24	25	26	
007				0	0		0				27	28	29	
008				-20	-20		-14				30	31	32	
009				+5	-5						33	34	35	
010				-5	-15						36	37	38	
011				-15	-25	0					39	40	41	
012				0	0	-10			55		42	43	44	
013	$B_{WC}C_SD_7M_3F_4X_{16}$	A	0	—	—	—		3	—		45	46	47	
014	$B_{WC}C_SD_7M_3F_4W_{67}F_{WR}S_{VS}Y_{16}$	0	C	0	0	0		2	55		—	8	14	
015		20	C	0	0	0		2			—	9	15	
016		30	C	0	0	0		2			—	10	16	
017		40	C	0	0	0	-14	2	55		—	11	17	
—	(CONT'D NEXT PAGE)													

1 7 13 19 25 31 37 43 49 55 61 67 75 76

*A BETA, IQ(P3F), ICN, ICA, ICLM, ICBL, ICYN, ICY, ICAB, ICAC, MACH, IALPHA, | NDV

COEFFICENTS — IDVAR (1) — IDVAR (2)

α OR β SCHEDULES: αSCH: A = -4 TO +44; βSCH: C = -4 TO +6

*B CL ICD ILD ICPB ICPBM ICPSC ICHEI ICHEO ICHR ICHET IMACH IALPHA IIO

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TABLE II. (Concluded)

TEST: OA44 (LRC UPWT 1035) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: POST-TEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES δ_{CL}	δ_{CR}	δ_F	δ_{BF}	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) δ_{SE}		2.5	3.9	4.6	TEST RUN NUMBERS
RPN *19	B2C2E23F5M8R5V7W60X46	A	0	0	0	0	-14	3	55		51	52	53	
020				-44	-44		-14				54	55	56	
021				+11	+11		+13				57	58	59	
022				0	0		+13				60	61	62	
023				0	0		0				63	64	65	
024				-24	-24		-14				66	67	68	
025	B2C2E23F5M8R5V7W60X46			0	0		-14				69	70	71	
026				-44	-44		-14				72	73	74	
027				+11	+11		+13				75	76	77	
028				-24	-24		-14				78	79	80	
029				0	0		+13				83	81	82	

1 7 13 19 25 31 37 43 49 55 61 67 75 76

*A BETA, KB(P,F)ICN, ICA, ICLM, ICBL, ICYN, ICY, ICAB, ICAC, IMACH, IALPHA, I,O

COEFFICENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES: α SCH: A = -4 TO +44

*B CL ICD IL/D ICPB ICPBM ICPSC ICHEI ICHEO ICHR ICHET IMACH IALPHA I,O

TABLE III.

MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B10

GENERAL DESCRIPTION: Fuselage, 2A Configuration, Lightweight Orbiter. per Rockwell Lines VL70-000089B

Scale Model =0.015

DRAWING NUMBER: VL70-000089 B
VL70-000092, 93, 94 A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length - IN.	1328.3	19.92450
Max. Width - IN. (@ X_o=1528.3)	265.0	3.97500
Max. Depth - IN. (@ X_o=1480.52)	248.0	3.7200
Fineness Ratio	5.012	5.012
Area - FT^2		
Max. Cross-Sectional	456.4	0.1026
Planform		
Wetted		
Base		

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TABLE III. (CONTINUED)

MODEL COMPONENT: BODY - B19

GENERAL DESCRIPTION: Fuselage, 3 Configuration, Lightweight Orbiter per Rockwell Lines VL70-000139B

Model Scale = 0.015

DRAWING NUMBER: VL70-000139B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length - IN.	1290.3	19.35450
Max. Width - IN.	267.6	4.01400
Max. Depth - IN.	244.5	3.66750
Fineness Ratio	4.82175	4.82175
Area - FT^2		
Max. Cross-Sectional	386.67	0.08700
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B_{21}

GENERAL DESCRIPTION : Same as B19 with alternate cambered forebody built by LRC.

MODEL SCALE = 0.015

DRAWING NUMBER :

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length		
Max Width		
Max Depth		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: CANOPY - C5

GENERAL DESCRIPTION: 2A Configuration per Lines VL70-000092

Scale Model = 0.015

DRAWING NUMBER VL70-000092

DIMENSION:	FULL SCALE	MODEL SCALE
Length (Sta Fwd Bulkhead)	391.0	5.86500
Max Width (T.E. Bulkhead)	560.0	8.40000
Max Depth (WPZ$_o$ = 421.922 to Z$_o$ = 500)		
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED.

MODEL COMPONENT: Canopy - C7

GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines VL70-000139

Model Scale = 0.015

DRAWING NUMBER VL70-0001398

DIMENSION:	FULL SCALE	MODEL SCALE
Length (X_o = 433 to X_o = 670) - in. FS	237	3.55500
Max Width		
Max Depth (Z_o = to Z_o = 501) - in FS		
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: MANIPULATOR HOUSING - D7

GENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000093

Scale Model = 0.015

DRAWING NUMBER VL70-000093

DIMENSION:	FULL SCALE	MODEL SCALE
Length - IN.	881.00	13.21500
Max Width - IN.	51.00	0.76500
Max Depth - IN.	23.00	0.34500
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

℄ Fuselage BP = 0.00
WP = 500.0 INFS
X_o 426.0 to 1307.0 INFS

TABLE III. (CONTINUED)

MODEL COMPONENT: ELEVON E-18

GENERAL DESCRIPTION: 2A Configuration per W-87 Rockwell Lines

VL70-000093 data for (1) of (2) sides

Scale Model = 0.015

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - FT^2	205.52	0.04624
Span (equivalent) - IN.	353.34	5.30010
Inb'd equivalent chord	114.78	1.72170
Outb'd equivalent chord	55.00	0.82500
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	.208	.208
At Outb'd equiv. chord	.400	.400
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.24	-10.24
Hingeline	0.00	0.00
Area Moment (Normal to hinge line) - FT^3 Product of Area Moment	1548.07	0.00522

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E23

GENERAL DESCRIPTION: Configuration 3 per W107 Rockwell Lines VL70-0001393, data for (1) of (2) sides

Model Scale = .015

DRAWING NUMBER: VL70-000139B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - FT^2	205.52	0.04624
Span (equivalent) - IN.	353.34	5.30010
Inb'd equivalent chord	114.78	1.72170
Outb'd equivalent chord	55.00	0.8250
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	.208	.208
At Outb'd equiv. chord	.400	.400
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.24	-10.24
Hingeline	0.00	0.00
Area Moment (Normal to hinge line)- FT^3 Product of Area Moment	1548.07	0.00522

TABLE III. (CONTINUED)

MODEL COMPONENT: F4 BODY FLAP

GENERAL DESCRIPTION: 2A Configuration per Rockwell Lines VL70-000094A

Scale Model = 0.015

DRAWING NUMBER VL70-000094A

DIMENSION:	FULL SCALE	MODEL SCALE
Length	84.70	1.27050
Max Width	265.00	3.97500
Max Depth		
Fineness Ratio		
Area - FT^2		
Max Cross-Sectional		
Planform	142.64	0.03209
Wetted		
Base	38.65	0.00870

TABLE III. (CONTINUED)

MODEL COMPONENT: F5 Body Flap

GENERAL DESCRIPTION: 3 Configuration per Rockwell Lines VL70-000139

Scale Model = 0.015

DRAWING NUMBER VL70-000139B

DIMENSION:	FULL SCALE	MODEL SCALE
Length - in	84.70	1.27050
Max Width - in	267.6	4.01400
Max Depth		
Fineness Ratio		
Area - Ft^2		
Max Cross-Sectional		
Planform	140.00	0.03150
Wetted		
Base	38.0958	0.00857

TABLE III. (CONTINUED)

MODEL COMPONENT: OMS POD - M3

GENERAL DESCRIPTION: 2A Lightweight Configuration per Rockwell Lines VL70-000094A

Scale Model = 0.015

DRAWING NUMBER VL70-000094A

DIMENSION:	FULL SCALE	MODEL SCALE
Length	346.0	5.1900
Max Width X_o = 1450.0	108.0	1.6200
Max Depth X_o = 1500.0	113.0	1.6950
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

℄ OF OMS POD
WP = 463.9 INFS; WP 400 + 63.9 = 463.9
BP = 80.0 INFS
LENGTH 1214.0 to 1560.0 = 346.0 INFS

TABLE III. (CONTINUED)

MODEL COMPONENT: OMS Pod - M_4

GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines VL70-000139

NOTE: M_4 identical to M3, except intersection to fuselage.

Model Scale = 0.015

DRAWING NUMBER VL70-000139 B

DIMENSION:	FULL SCALE	MODEL SCALE
Length - IN	346.0	5.19000
Max Width - IN	108.0	1.62000
Max Depth - IN	113.0	1.69500
Fineness Ratio		
Area - FT^2		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: N8 - OMS Nozzle

GENERAL DESCRIPTION: Basic OMS nozzle of the 2A Configuration per Rockwell Lines VL70-008306 and VL70-000089"B"

Scale Model = 0.015

DRAWING NO. VL70-008306, VL70-000089"B", SS-A00092

DIMENSIONS	FULL-SCALE	MODEL SCALE
MACH NO.	-	
DIAMETER DEX ~ IN	50.00	0.75000
DIAMETER DT ~ IN	N/A	N/A
DIAMETER DIN ~ IN	28.00	0.42000
ON ~ DEGREES	N/A	N/A
AREA - Ft^2		
MAX CROSS-SECTIONAL	13.635	0.00307

GIMBAL ORIGIN	X_o	Y_o	Z_o
LEFT NOZZLE ~ IN.	1518	-88.0	492
RIGHT NOZZLE ~ IN.	1518	+88.0	492

NULL POSITION	PITCH	YAW
LEFT NOZZLE - DEG	15° 49'	-12° 17'
RIGHT NOZZLE - DEG	15° 49'	+12° 17'

INTERSECTION OF NOZZLE EXIT PLANE AND NOZZLE CENTERLINE: - IN.		
	X_o = 1570.75	23.56125
	Y_o = ±99.25	±1.48875
	Z_o = 507.25	7.60875

TABLE III. (CONTINUED)

MODEL COMPONENT: RUDDER - R5

GENERAL DESCRIPTION: 2A, 3 and 3A Configuration per Rockwell Lines VL70-000095

Model Scale = 0.015

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - FT^2	98.67	0.022
Span (equivalent) - IN.	201.0	3.01500
Inb'd equivalent chord	91.585	1.37378
Outb'd equivalent chord	50.833	0.76250
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Tailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Normal to hinge line)- FT^3 Product of Area and Mean Chord	526.13	0.00178

TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL - V 5 (Lightweight Orbiter Configuration)

GENERAL DESCRIPTION: Conterline Vertical Tail, Doublewedge Airfoil with Rounded Leading Edge

Scale Model = 0.015

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	413.25	0.09298
Planform		
Span (Theo) In	315.72	4.73580
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.249	26.249
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.50	4.02750
Tip (Theo) WP	108.47	1.62705
MAC	199.81	2.99715
Fus. Sta. of .25 MAC	1463.50	21.95250
W. P. of .25 MAC	635.522	9.53283
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.000	10.000
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius	2.00	0.030
Void Area	13.17	0.00296
Blanketed Area	12.67	0.00285

TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL - V 7

GENERAL DESCRIPTION: Centerline vertical tail, doublewedge airfoil with rounded leading edge.

NOTE: Same as V5, but with manipulator housing removed.

Modal Scale = 0.015

DRAWING NUMBER: VL70-000139 B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2 Planform	425.92	0.09583
Span (Theo) In	315.72	4.73580
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.249	26.249
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.50	4.02750
Tip (Theo) WP	108.47	1.62705
MAC	199.81	3.99715
Fus. Sta. of .25 MAC	1463.50	21.95250
W. P. of .25 MAC	635.522	9.53283
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.000	10.000
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius	2.0	0.03000
Void Area - Ft^2	13.17	0.00296
Blanketed Area	0.00	0.00

TABLE III. (CONTINUED)

MODEL COMPONENT: WING-W 87 New Lightweight Orbiter

GENERAL DESCRIPTION: Orbiter Configuration per Lines VL70-000093

(NOTE: Dihedral angle is defined at the lower surface of the wing at the 75.33% element line projected into a plane perpendicular to the FRL)

Scale Model = 0.015

TEST NO. DWG. NO. VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2 Planform	2690.00	0.60525
Span (Theo In.	936.68	14.05020
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	3.000	3.000
Aerodynamic Twist, degrees	+3.000	+3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.24	-10.24
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	10.33860
Tip, (Theo) B.P. 468.341	137.85	2.06775
MAC	474.81	7.12215
Fus. Sta. of .25 MAC	1136.89	17.05335
W.P. of .25 MAC	299.20	4.48800
B.L. of .25 MAC	182.13	2.73195
EXPOSED DATA		
Area (Theo) Ft^2	1752.29	0.39426
Span, (Theo) In. BP108 to 468.341	720.68	10.81020
Aspect Ratio	2.058	2.058
Taper Ratio	0.2451	0.2451
Chords		
Root BP108	562.40	8.43600
Tip 1.00 $\frac{b}{2}$	137.85	2.06775
MAC	393.03	5.89545
Fus. Sta. of .25 MAC	1185.31	17.77965
W.P. of .25 MAC	300.20	4.50300
B.L. of .25 MAC	251.76	3.77640
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ = .425	0.10	0.10
Tip $\frac{b}{2}$ = 1.00	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	120.33	0.02207
Leading Edge Intersects Fus M. L. 0 Sta	560.0	8.40000
Leading Edge Intersects Wing 0 Sta	1035.0	15.52500

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TABLE III. (CONCLUDED)

MODEL COMPONENT: WING-W 107

GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines V170-0001399

NOTE: Same as W103, except cuff, airfoil and incidence angle.

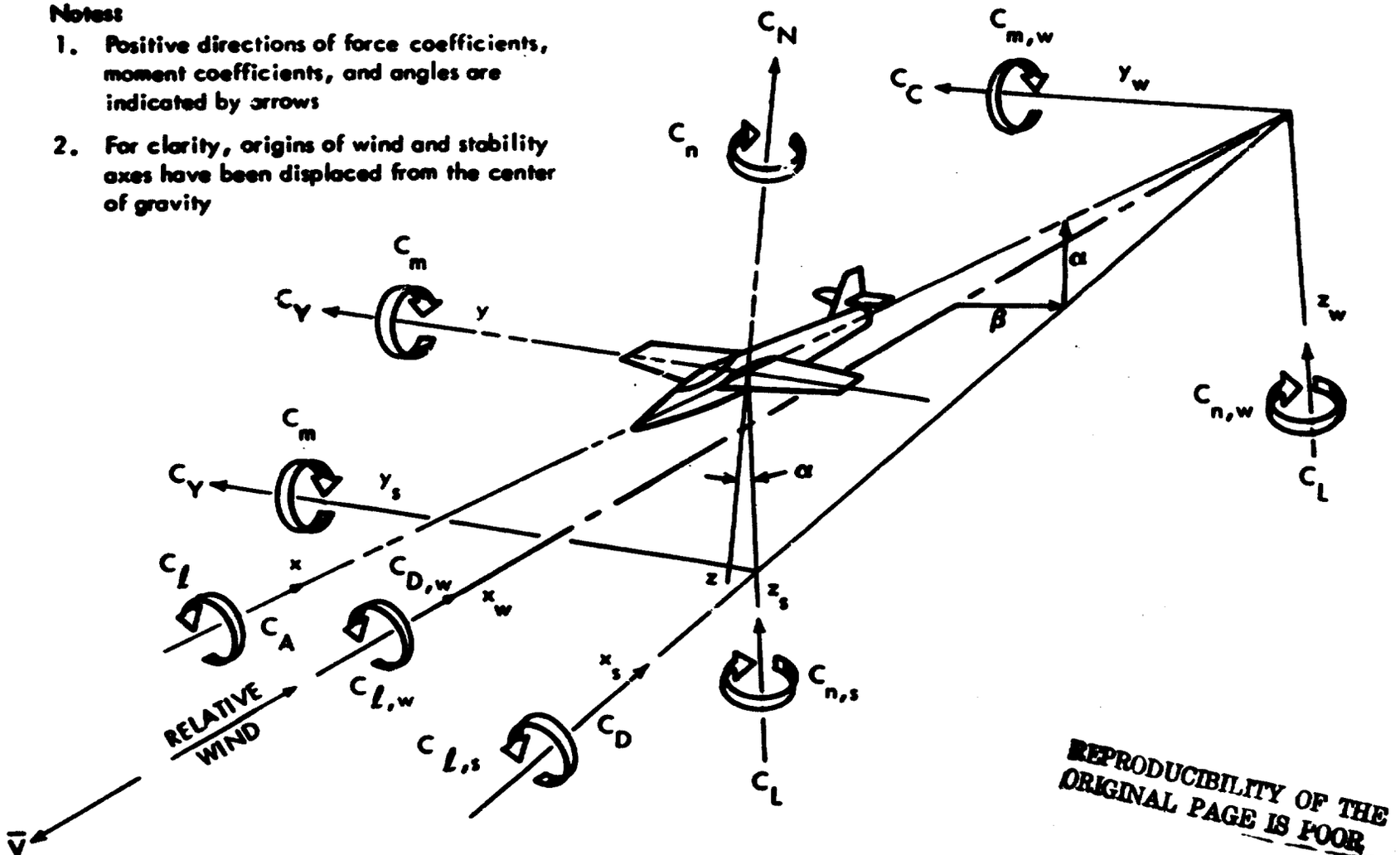
Model Scale = 0.015

TEST NO. DWG. NO. V170-0001399

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2 Planform	2690.00	0.60525
Span (Theo In.	936.68	14.05020
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees (@ TE of Elevon)	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	+3.000	+3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.24	-10.24
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	10.33860
Tip, (Theo) B.P.	137.85	2.06775
MAC	474.81	7.12215
Fus. Sta. of .25 MAC	1136.89	17.05335
W.P. of .25 MAC	299.20	4.48950
B.L. of .25 MAC	182.13	2.73195
EXPOSED DATA		
Area (Theo) Ft^2	1752.29	0.39426
Span, (Theo) In. BP108	720.68	10.81020
Aspect Ratio	2.058	2.058
Taper Ratio	0.2451	0.2451
Chords		
Root BP108	562.40	8.43600
Tip 1.00 $\frac{b}{2}$	137.85	2.06775
MAC	393.03	5.89545
Fus. Sta. of .25 MAC	1185.31	17.77965
W.P. of .25 MAC	300.20	4.50300
B.L. of .25 MAC	251.76	3.77640
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.10	0.10
Tip $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	108.333	0.02437
Leading Edge Intersects Fus M. L. @ Sta	500	7.50000
Leading Edge Intersects Wing @ Sta	1003.4	15.05100

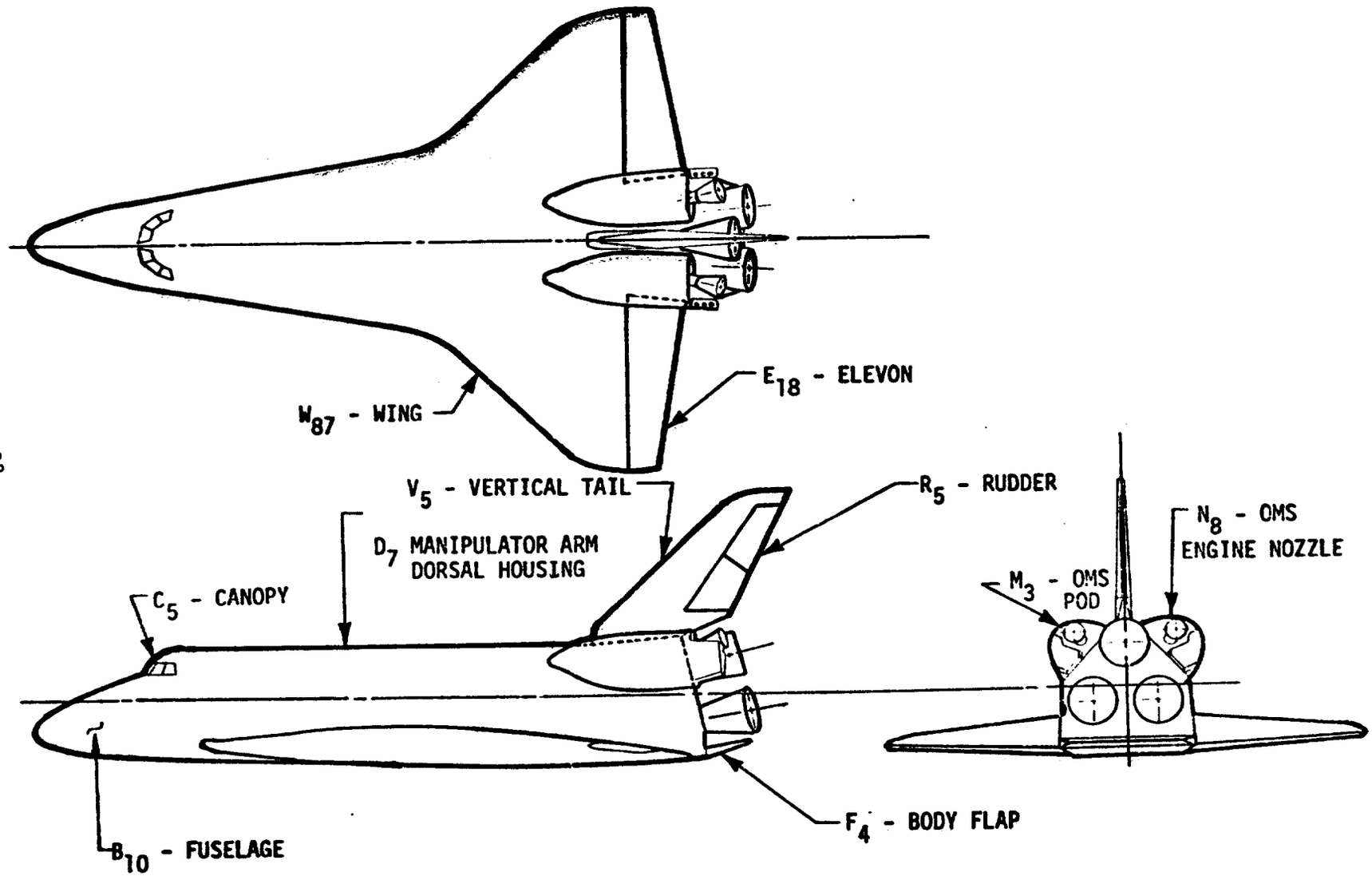
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



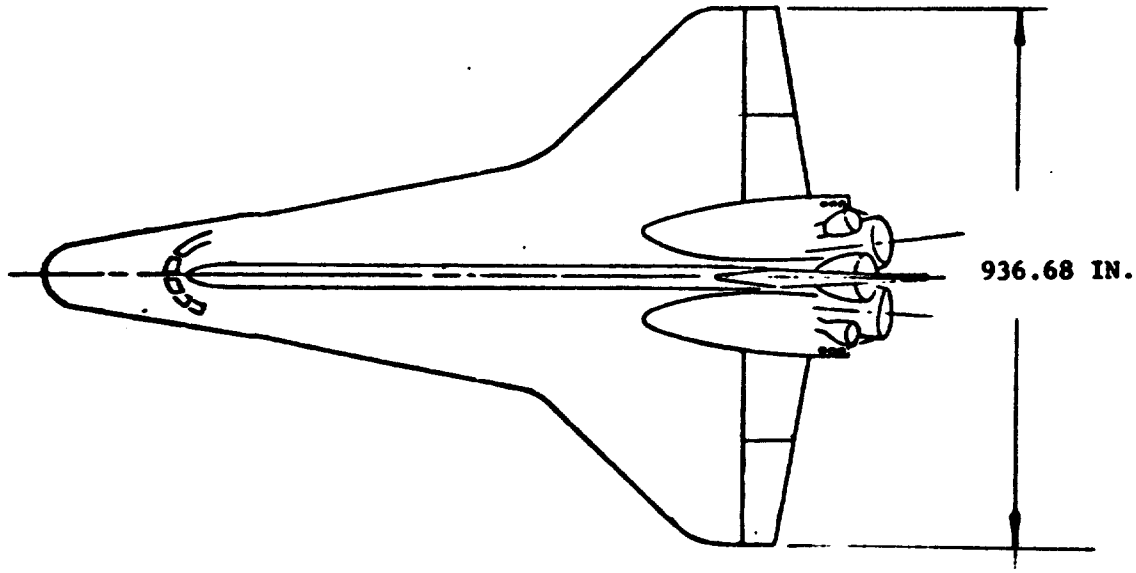
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Figure 1. - Axis Systems.

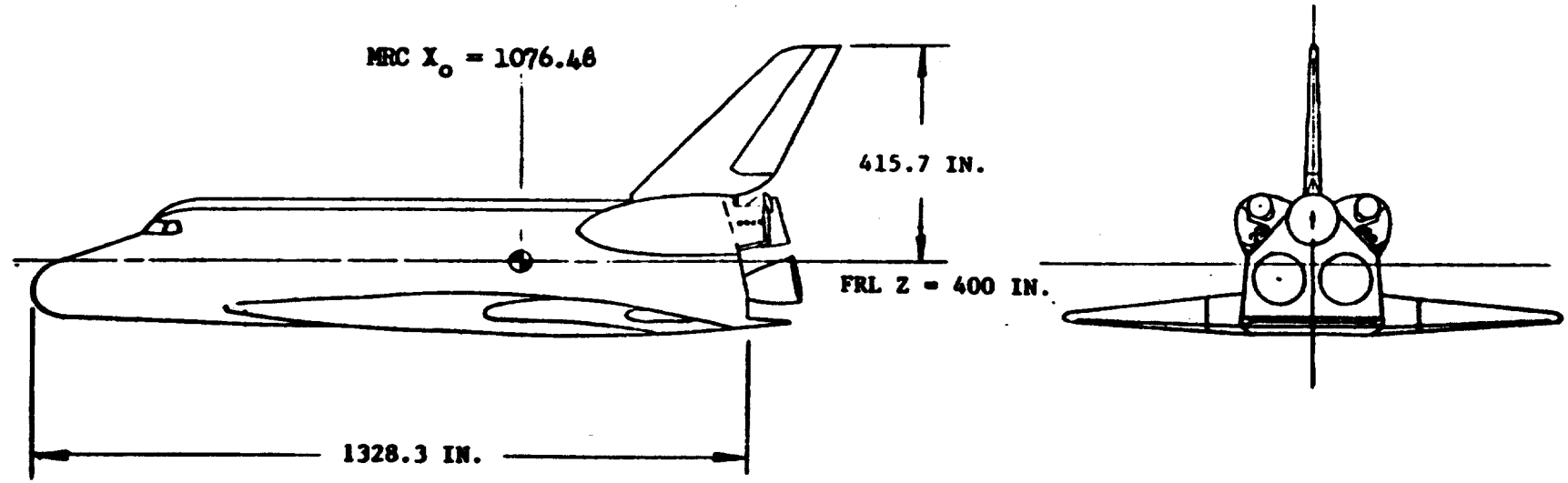


(a) SSV Orbiter Configuration 2A(VL70-000089B) Model Nomenclature

Figure 2. - Model Sketches

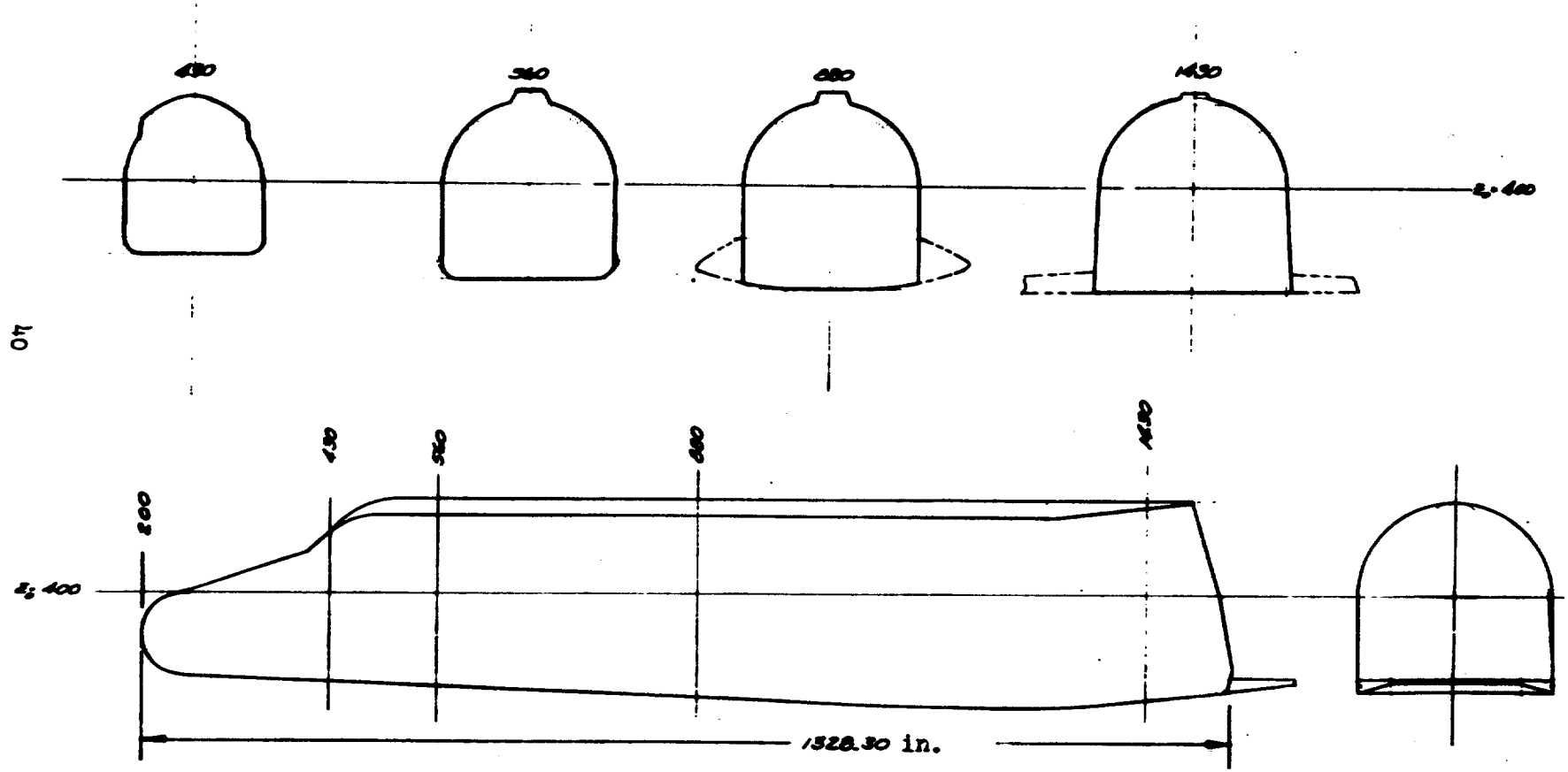


REFERENCE	DIMENSIONS
AREA	S_w = 2690 FT^2
MAC	$\bar{C}$ = 474.8 IN.
C.G.	X = 876.48 IN.
	Z = 400 IN.
SPAN	b_w = 936.68 IN.
LENGTH	L = 1328 IN.



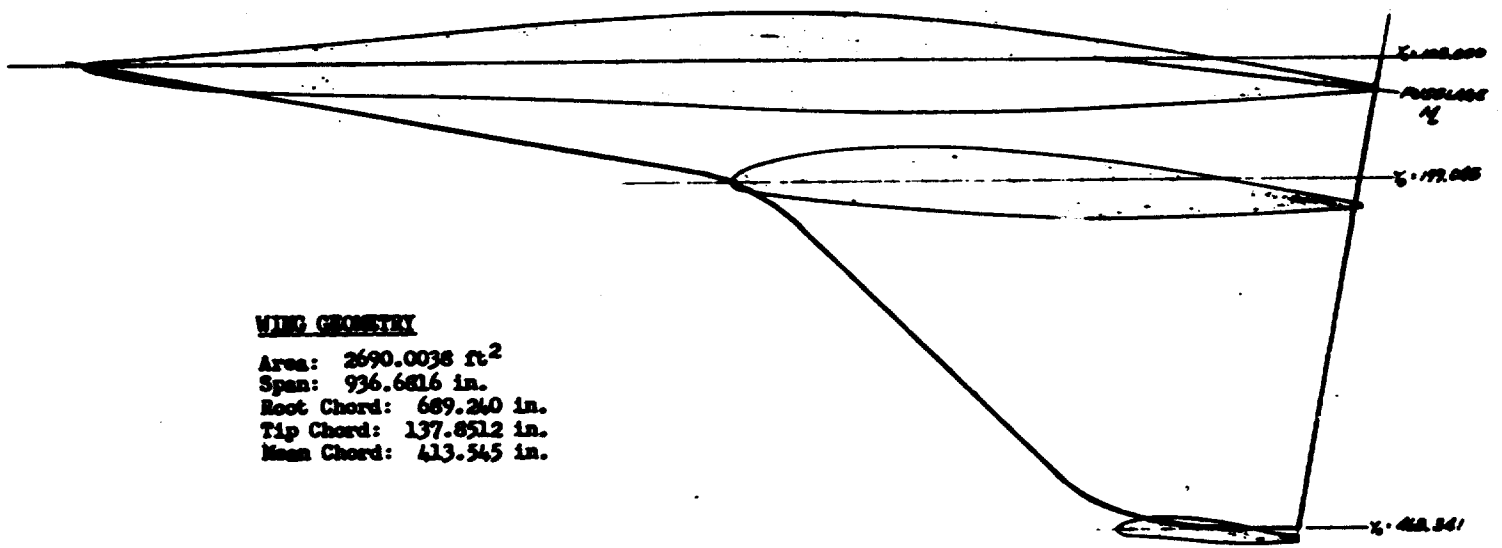
(b) SSV Orbiter Configuration 2A(VL-000089B) Baseline Dimensions

Figure 2. - Continued.



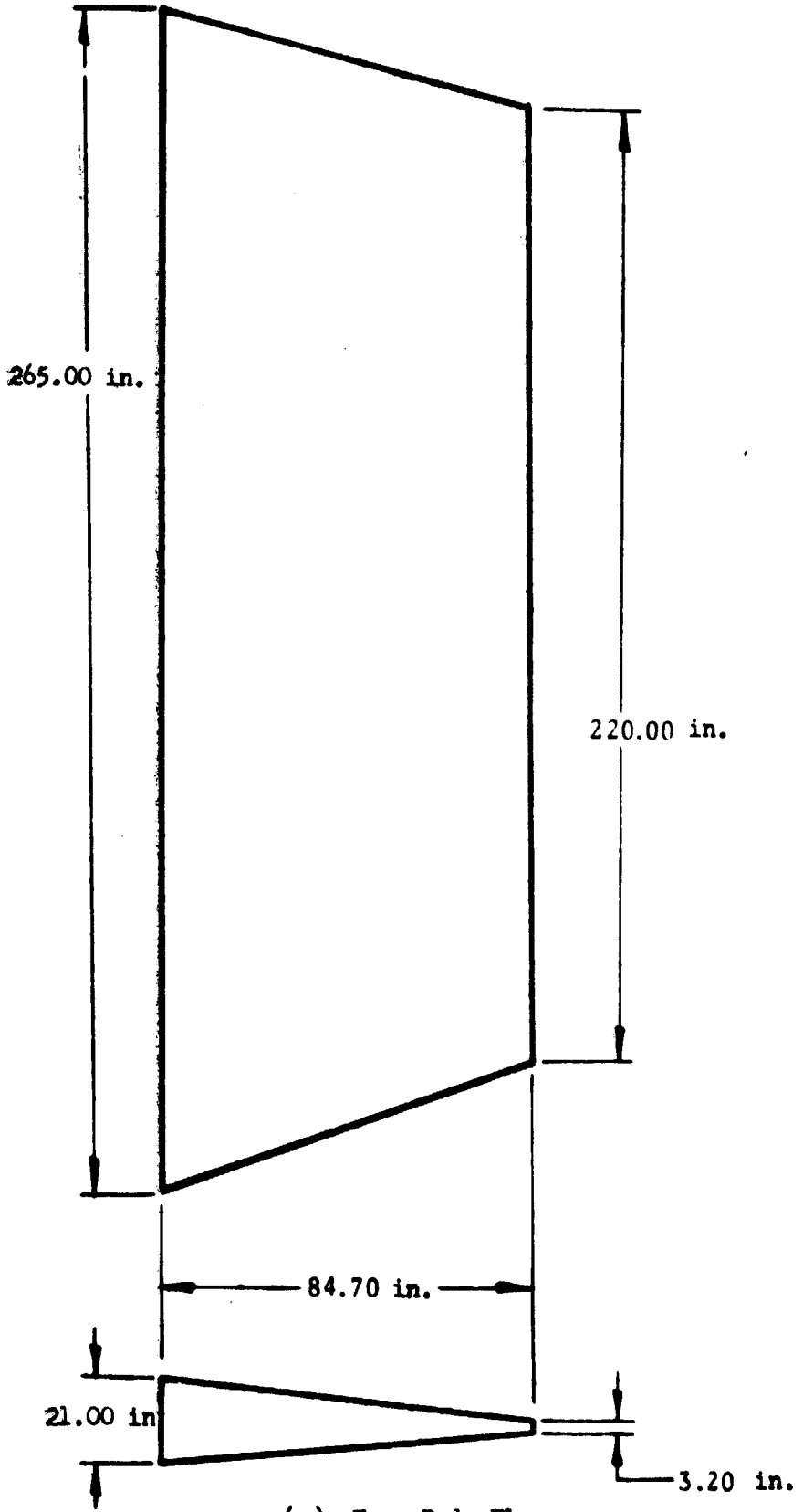
(c) B_{10}, F_4 - Basic 2A Fuselage With Body Flap

Figure 2. - Continued.



(d) W_{87} - Basic 2A Wing Configuration

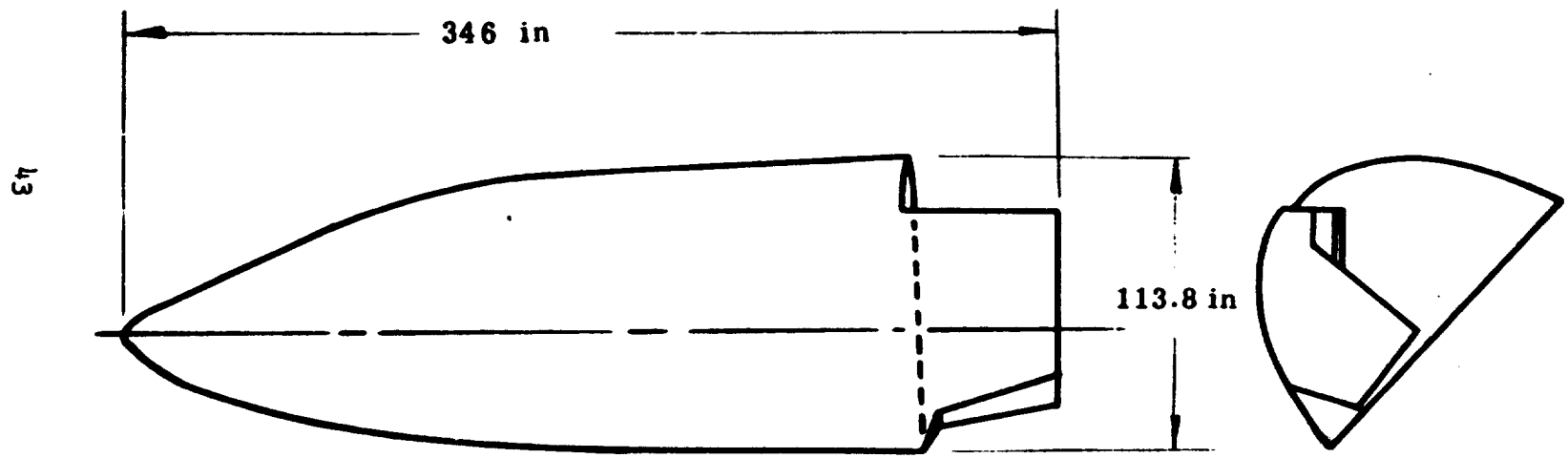
Figure 2. - Continued.



(e) F_4 - Body Flap

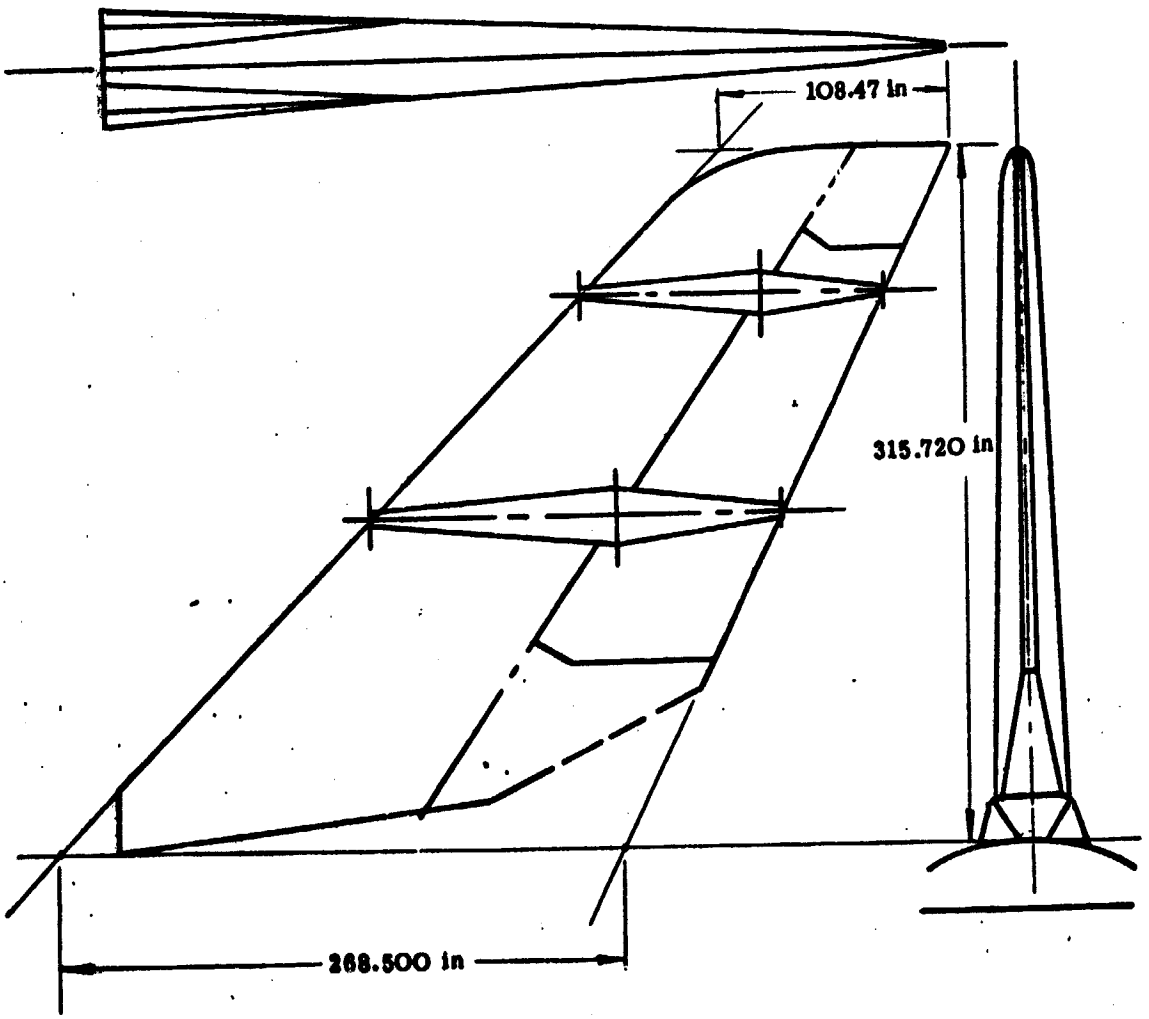
Figure 2. - Continued.

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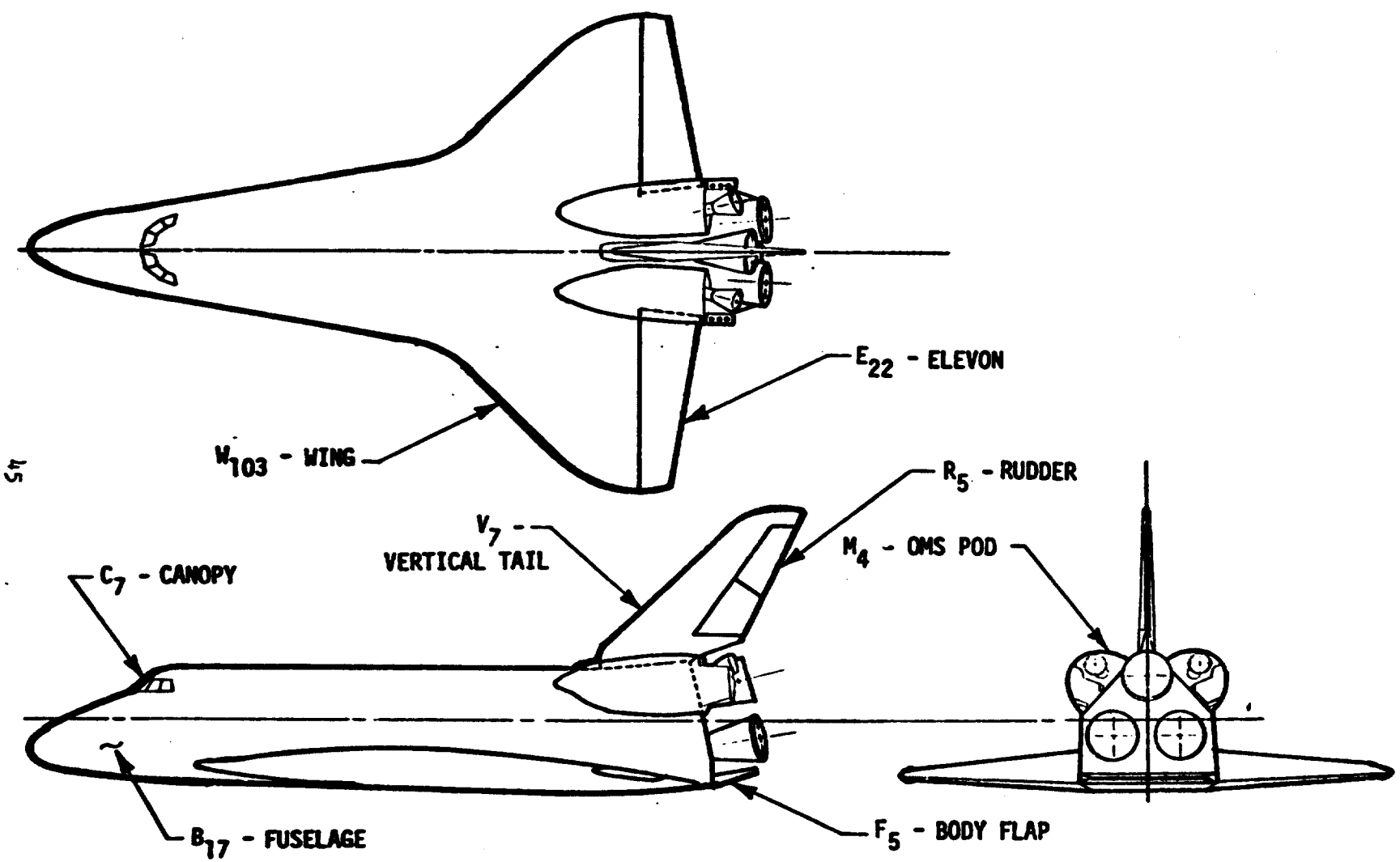
(f) M_3 - OMS Pod

Figure 2. - Continued.



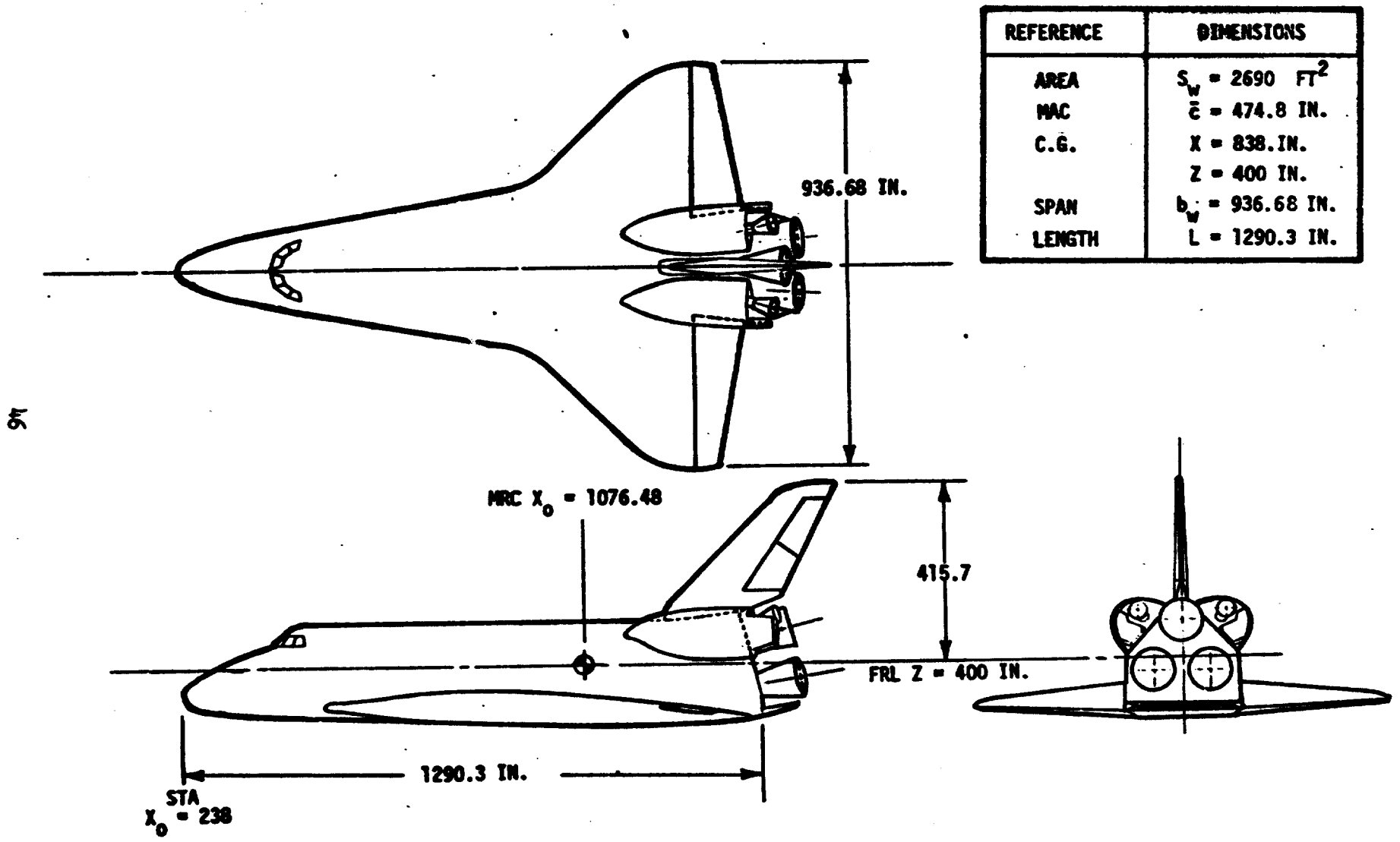
(g) V_5 - Vertical Tail

Figure 2. - Continued.



(h) SSV Orbiter Configuration 3(VL70-000139B) Model Nomenclature

Figure 2. - Continued.

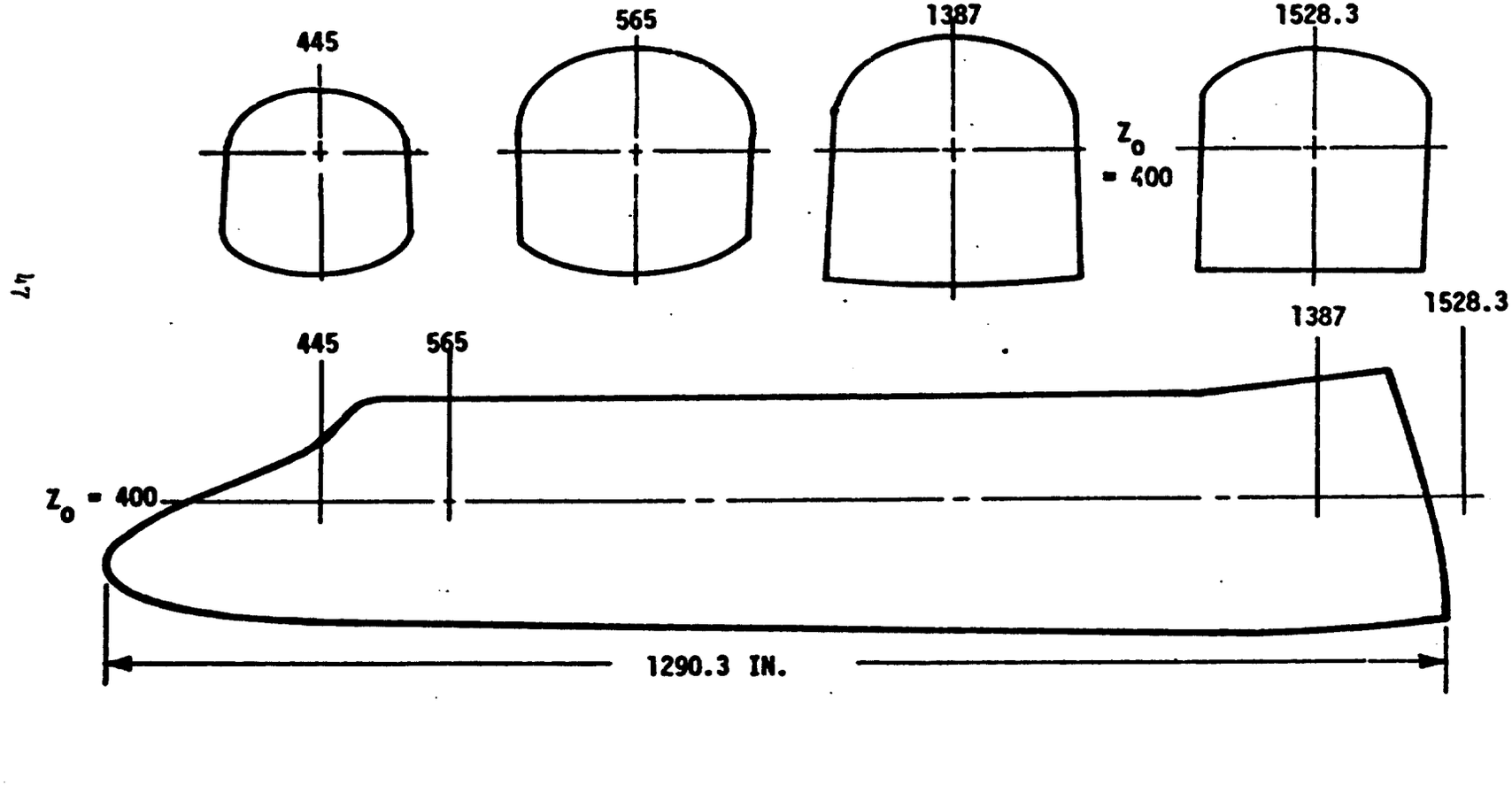


REFERENCE	DIMENSIONS
AREA	S_w = 2690 FT^2
MAC	$\bar{c}$ = 474.8 IN.
C.G.	X = 838.IN.
	Z = 400 IN.
SPAN	b_w = 936.68 IN.
LENGTH	L = 1290.3 IN.

(i) SSV Orbiter Configuration 3(VL70-000139B) Baseline Dimensions

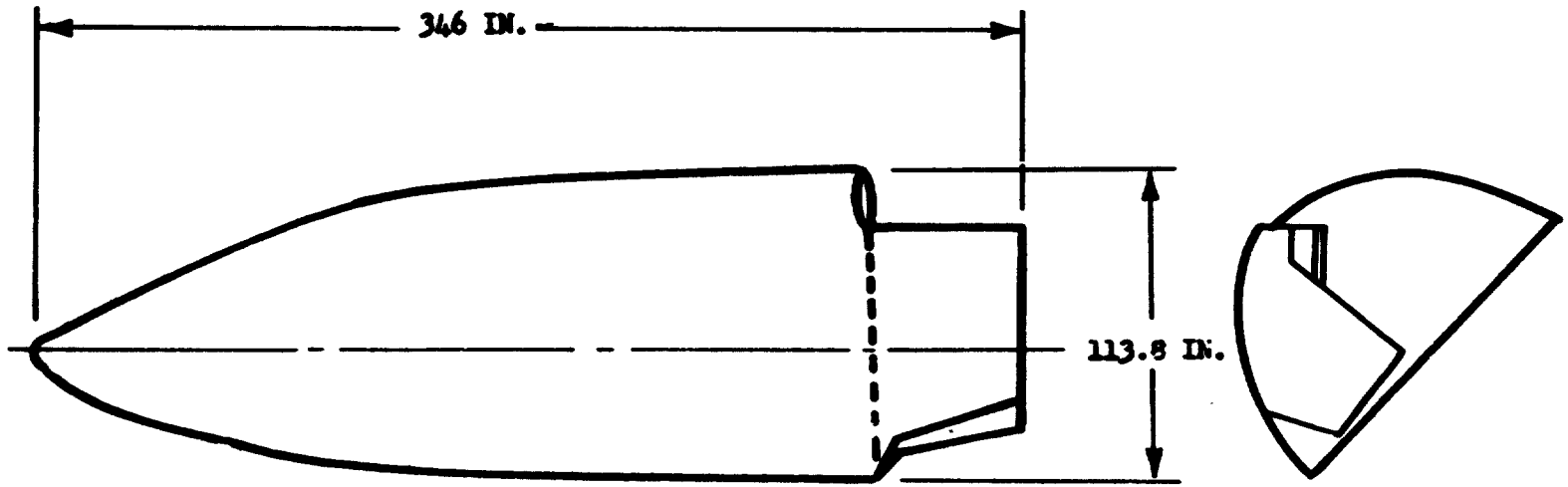
Figure 2. - Continued.

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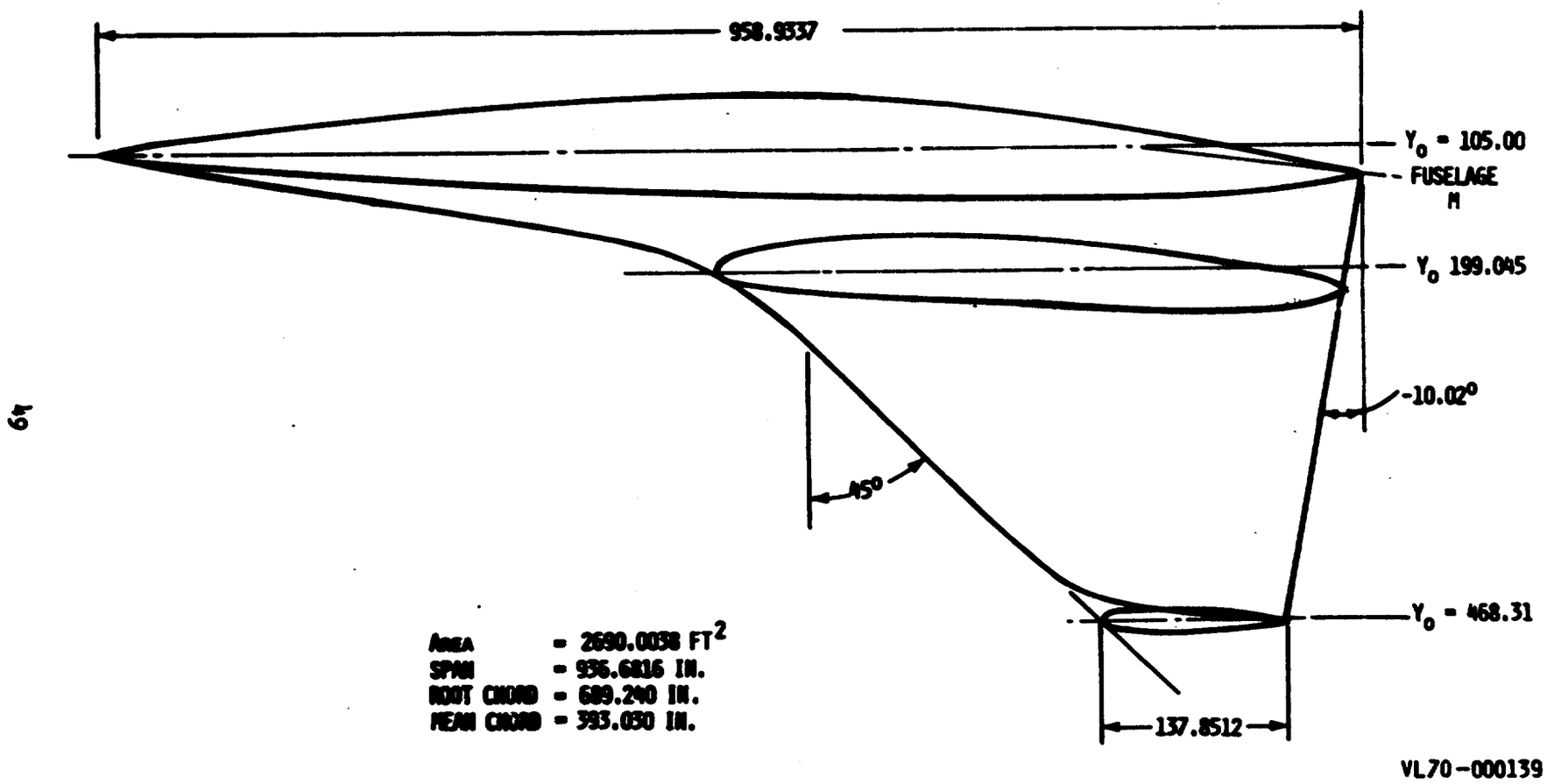
(j) B_{19} - Basic 3(VL70-000139B) Fuselage

Figure 2. - Continued.



(k) M_4 - OMS Pod

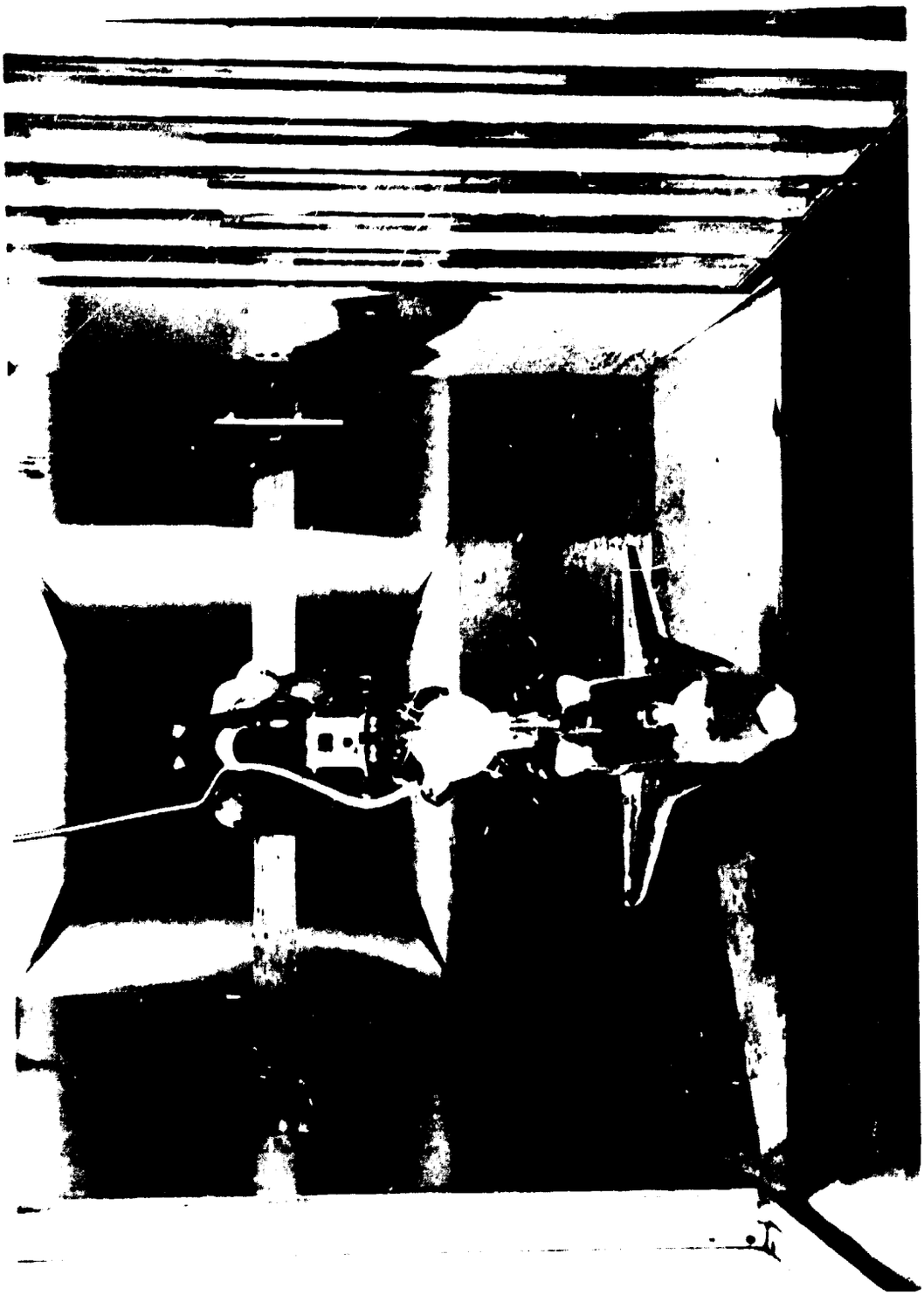
Figure 2. - Continued.



(1) W_{107} - Wing

Figure 2. - Concluded.

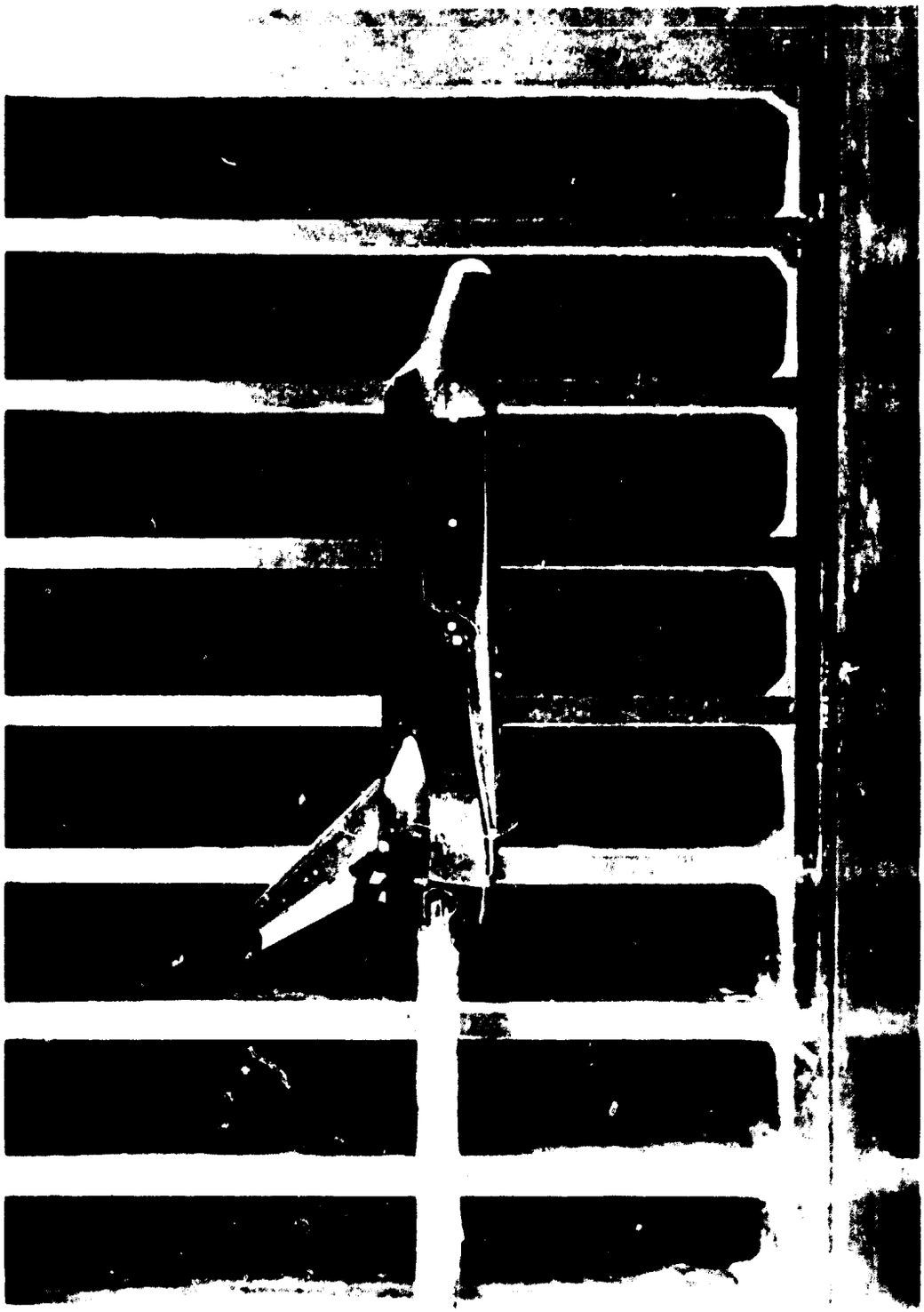
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(a) General Tunnel Installation - Top View

Figure 3. - Model Installation Photographs.

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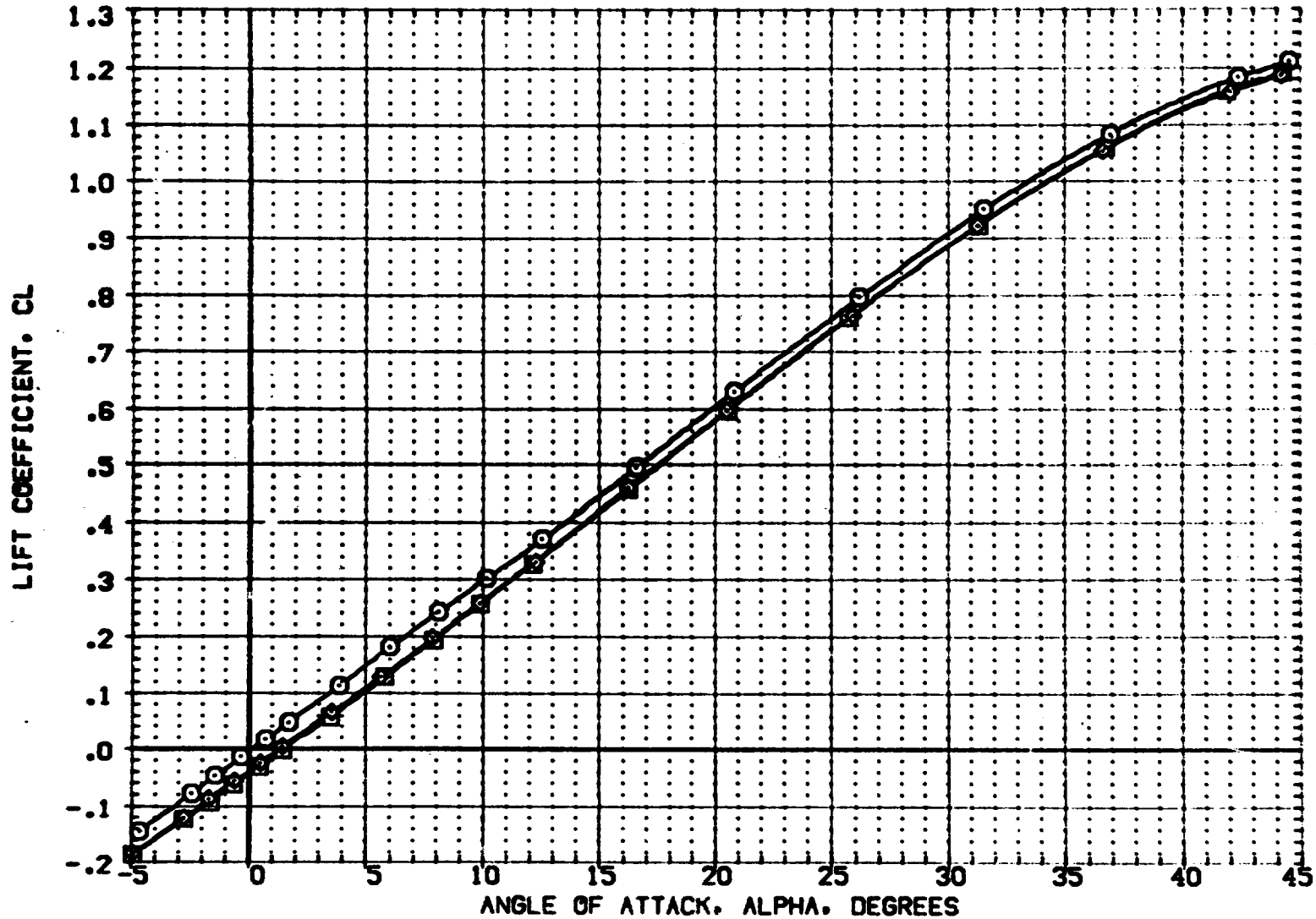
(b) Model - Side View

Figure 3. - Concluded.

DATA FIGURES

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
(RPNE02)	□	0A44 UPVT 1035 CONF-2A B10C5D7H3F4V87E1BR5V5X16	.000	.000	-14.250	54.820
(RPNE19)	○	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.820
(RPNE23)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.820

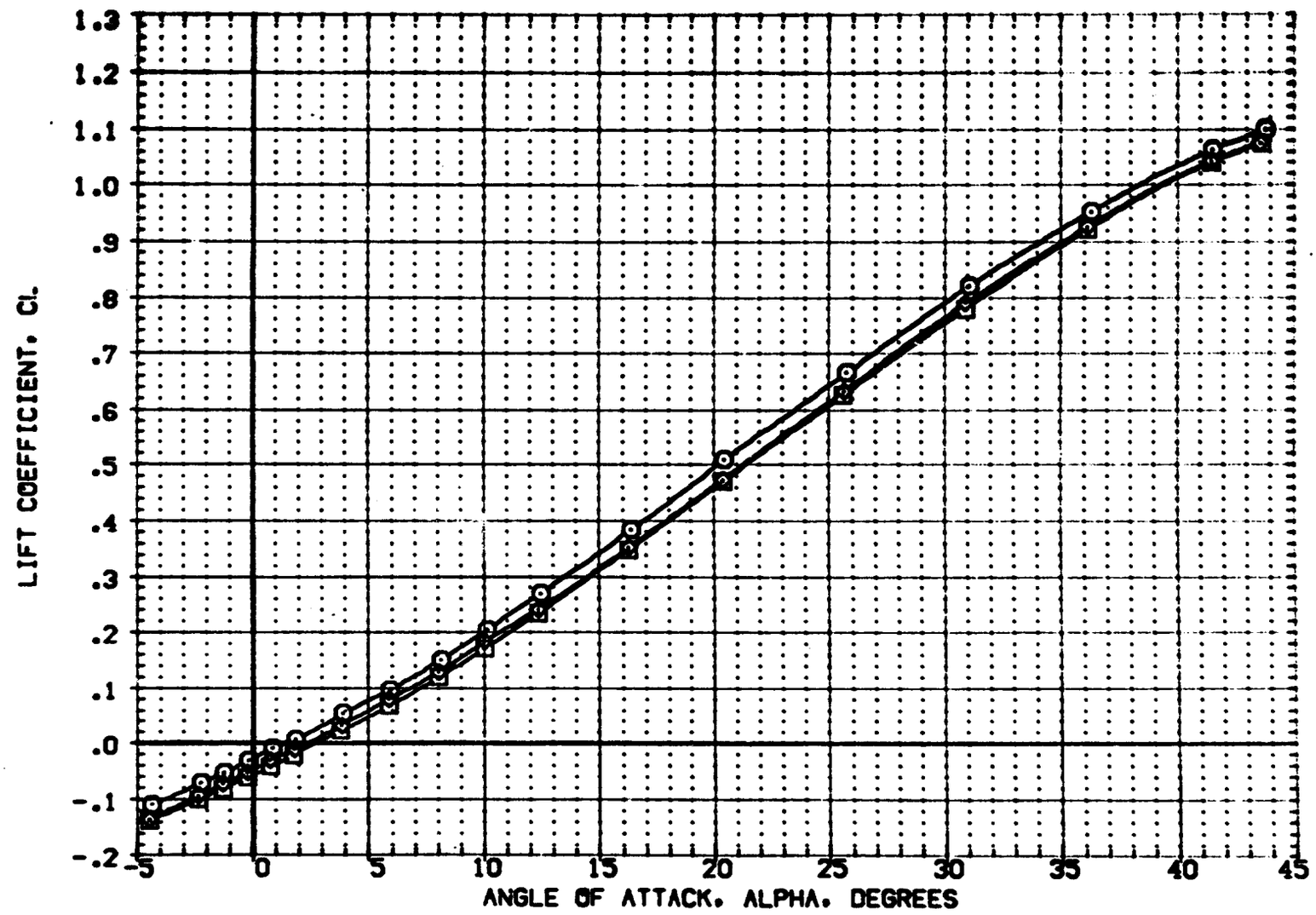
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(A)MACH = 2.50

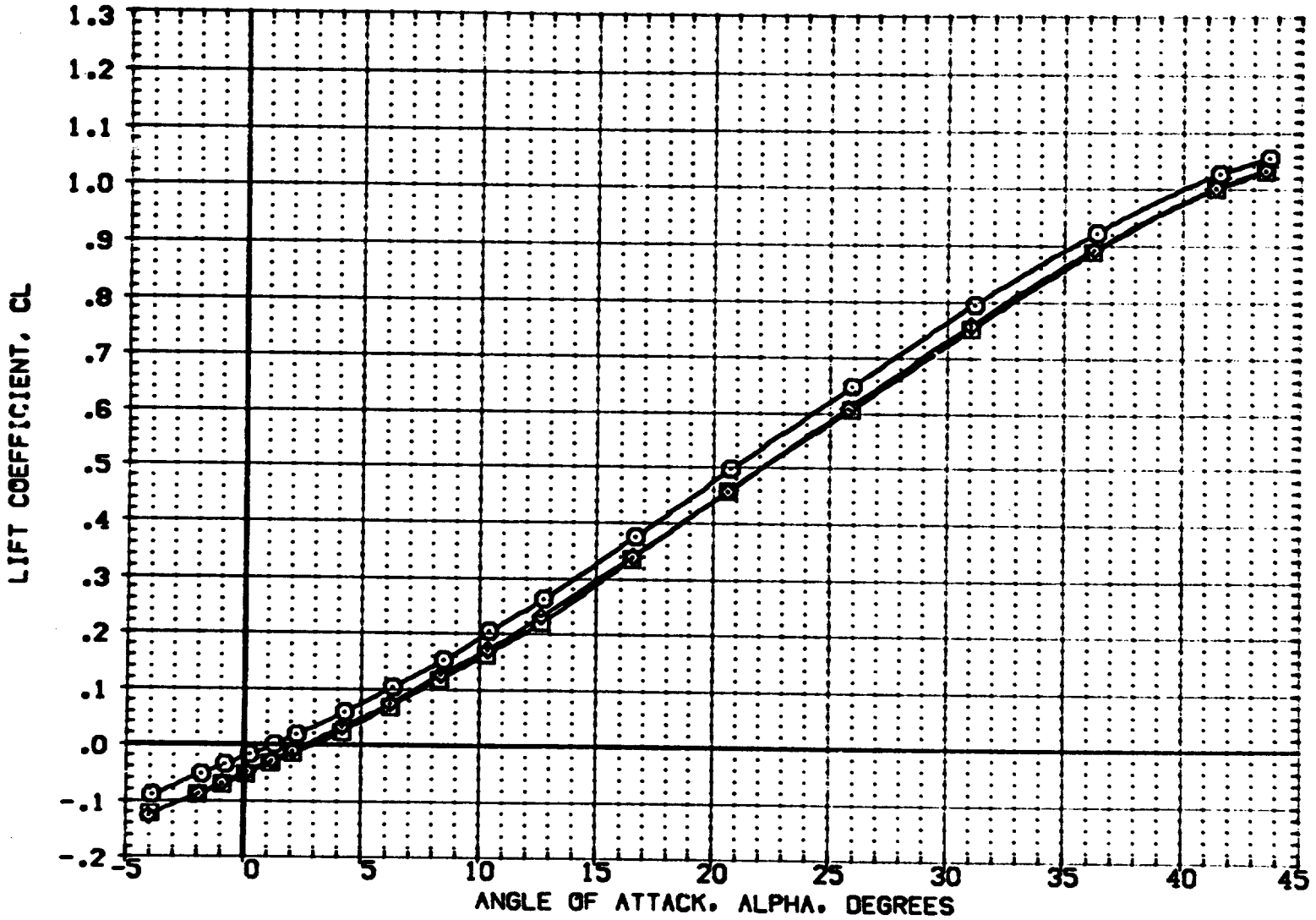
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOIRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
[redacted]	[redacted]	.000	.000	-14.200	24.820	
[redacted]	[redacted]	.000	.000	-14.200	24.820	
[redacted]	[redacted]	.000	.000	-14.200	24.820	



COMPONENT BUILDUP

(B)MACH = 3.90

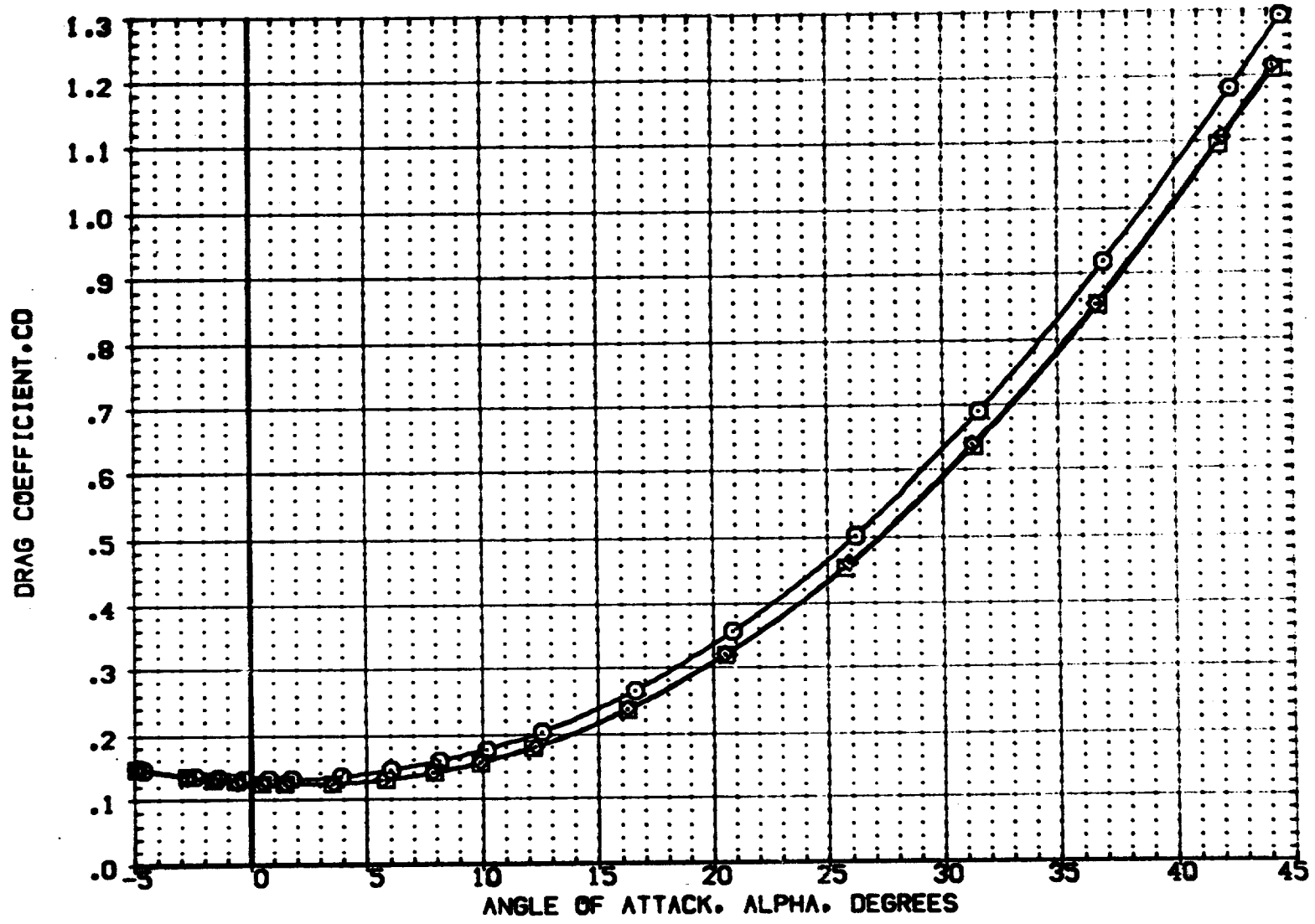
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920	
(RPNE19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920	
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920	



COMPONENT BUILDUP

(C)MACH = 4.60

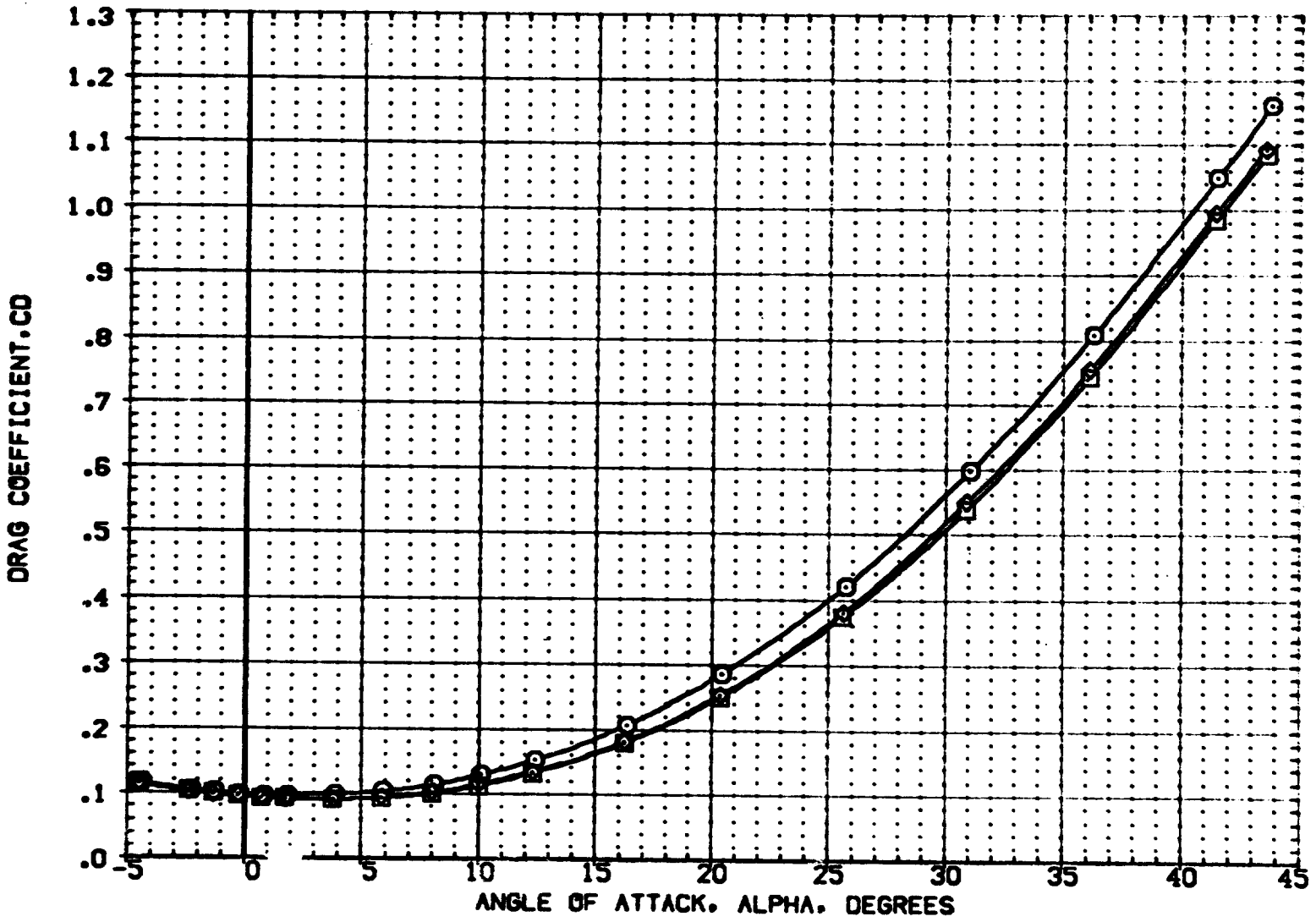
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA SUMMARY FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	



COMPONENT BUILDUP

(A)MACH = 2.50

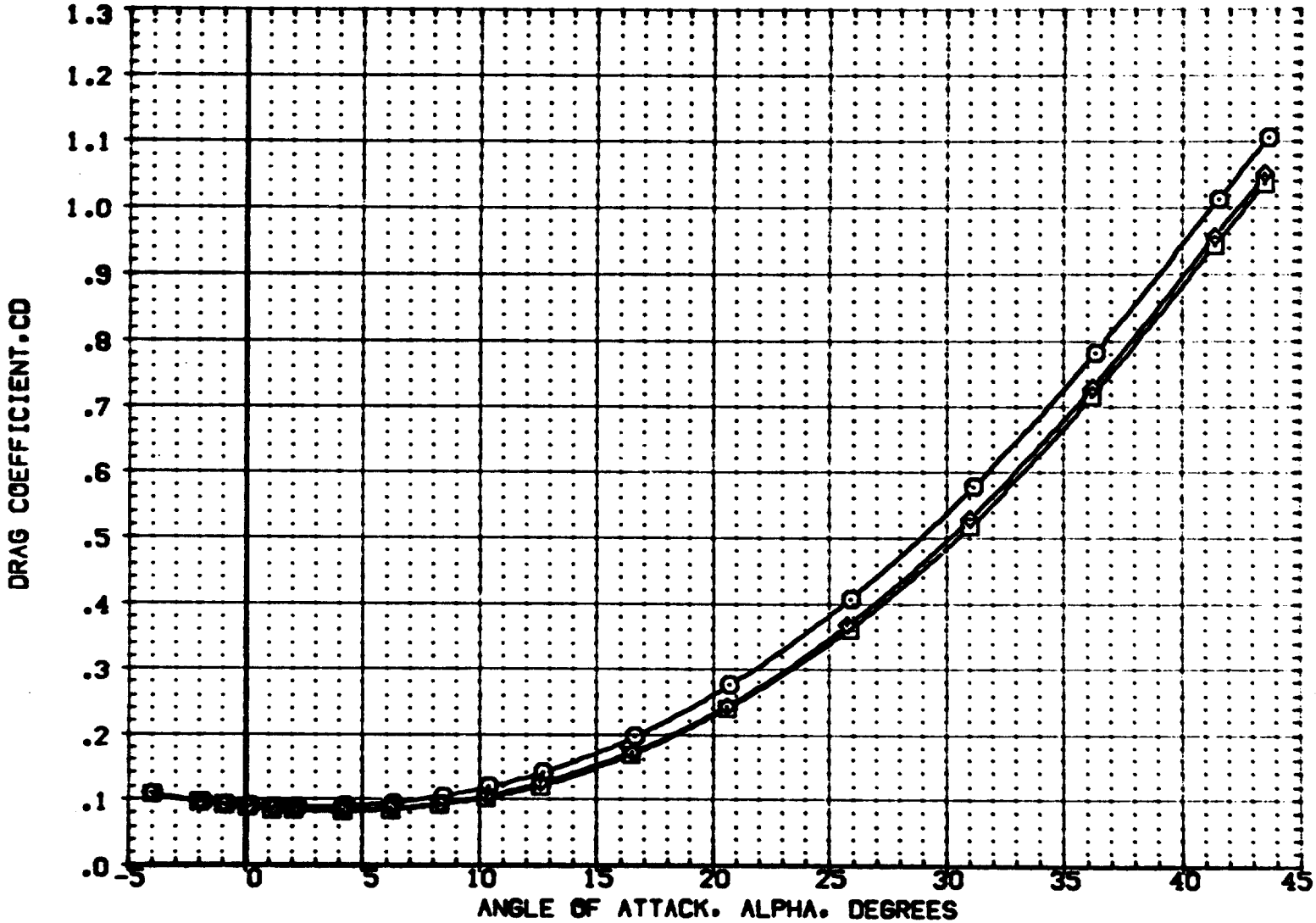
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK	SEE THE ASSOCIATED DATA
(RPNE02) ○	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E16R5V5X16	.000	.000	-14.250	54.920	DOCUMENT FOR REFERENCE
(RPNE19) □	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920	CHARACTERISTICS FOR
(RPNE25) ◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920	INDIVIDUAL DATASETS



COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	SPOILER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

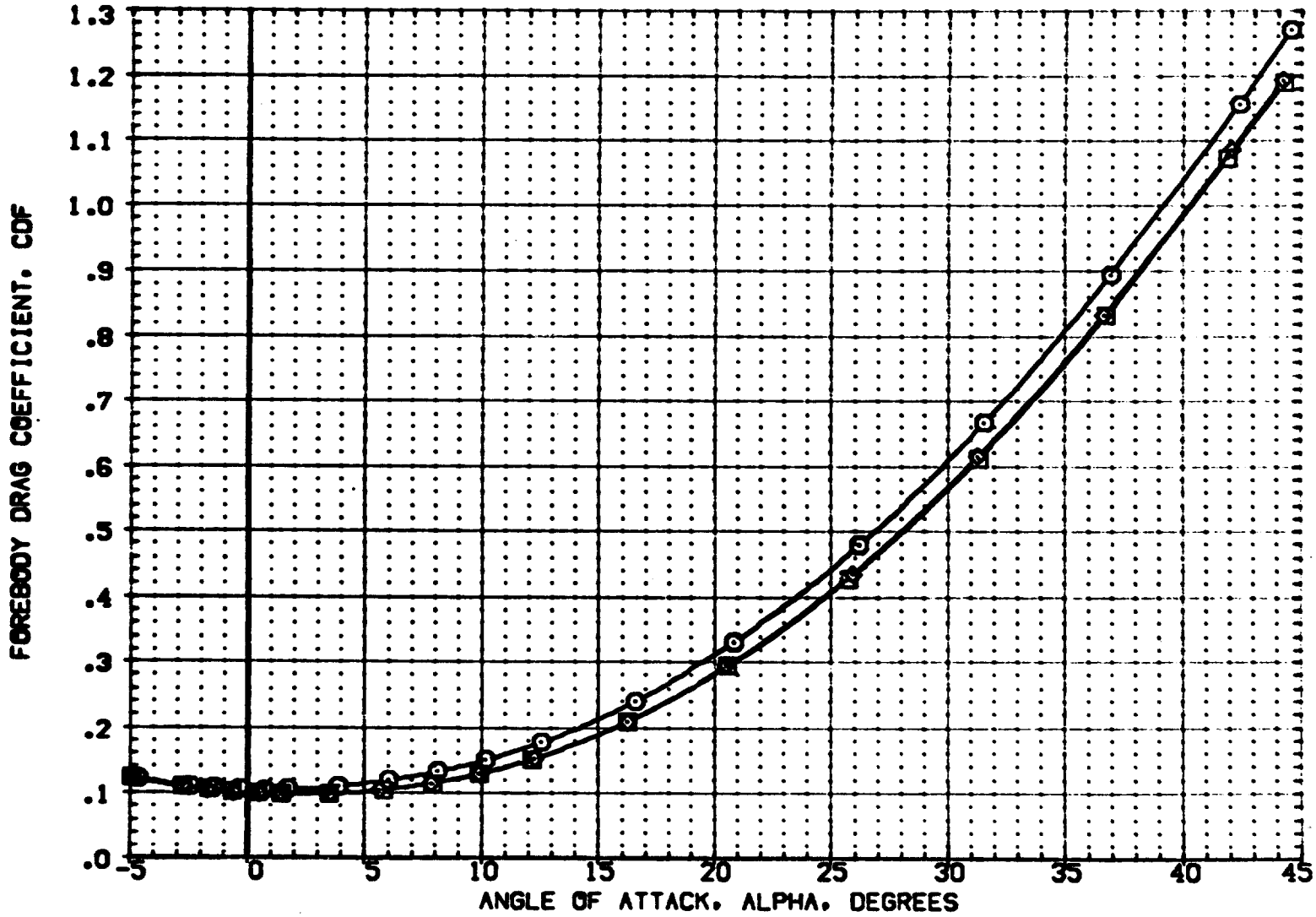


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPDBRK
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10C9D7H3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNE19)	□	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

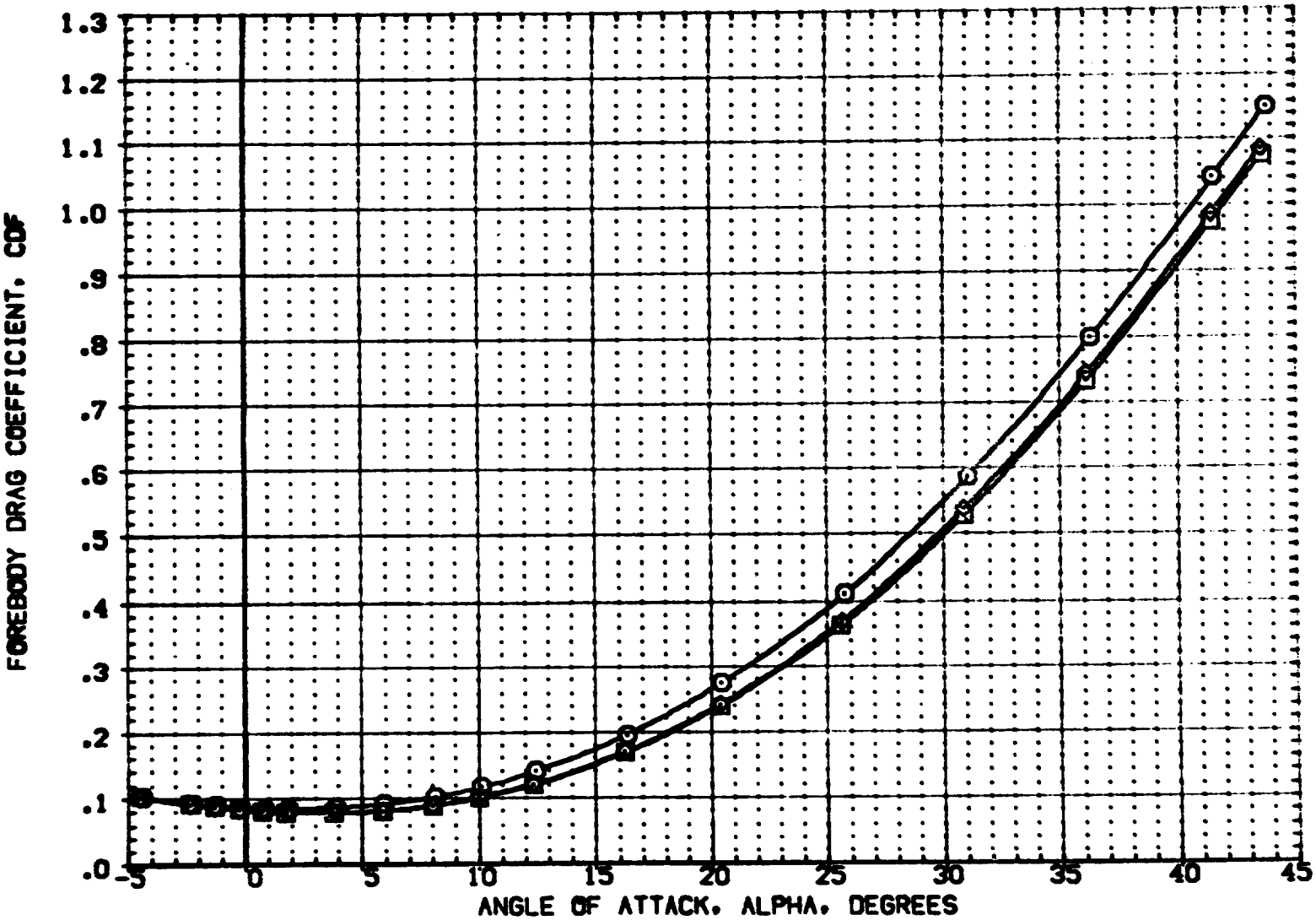


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
[illegible]	B44 UPVT 1008 CDF-2A [illegible]	.000	.000	-14.250	54.930
[illegible]	B44 UPVT 1008 CDF-1 [illegible]	.000	.000	-14.250	54.930
[illegible]	B44 UPVT 1008 CDF-1 [illegible]	.000	.000	-14.250	54.930

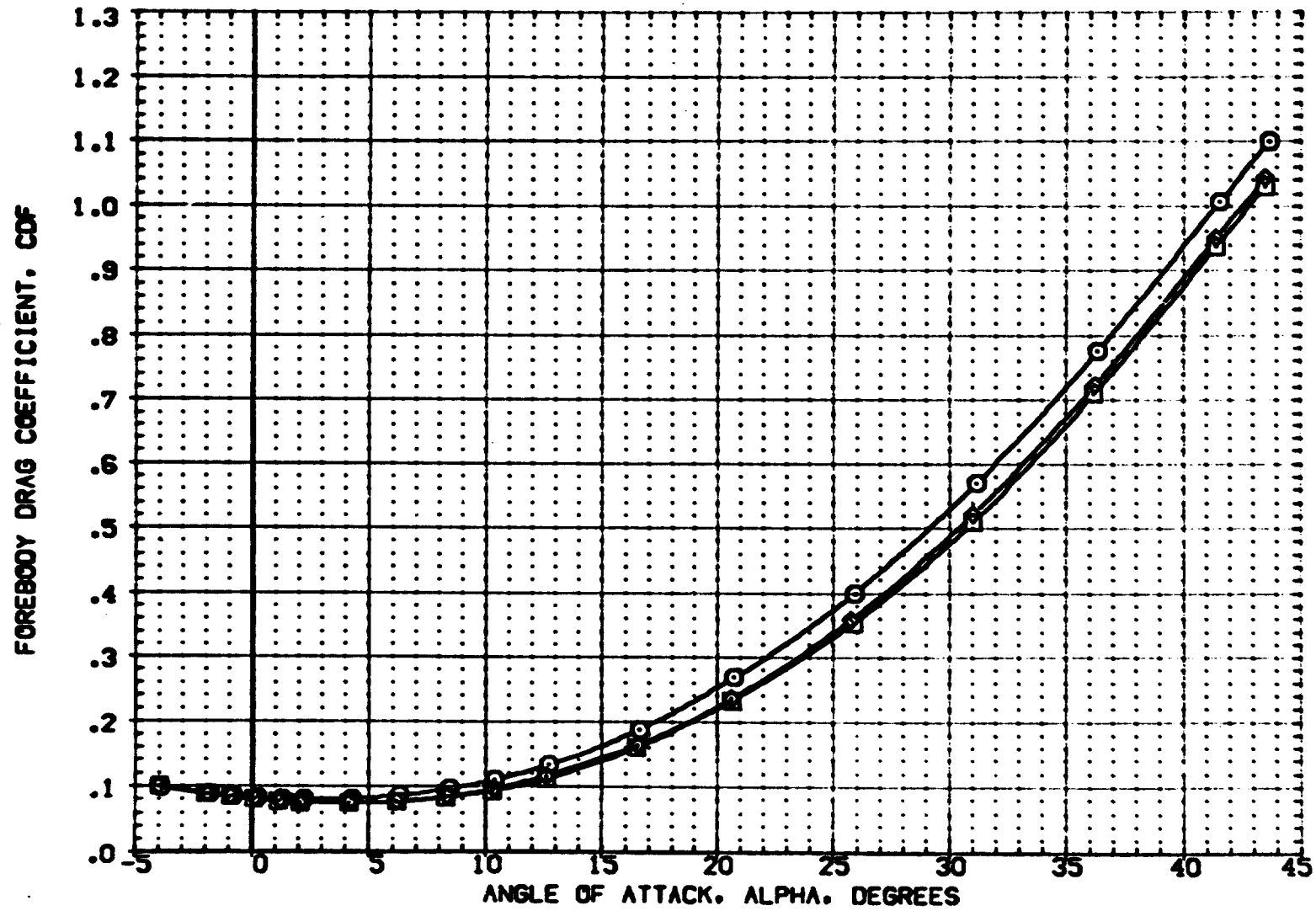
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
[illegible]	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920	
[illegible]	○	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	
[illegible]	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	

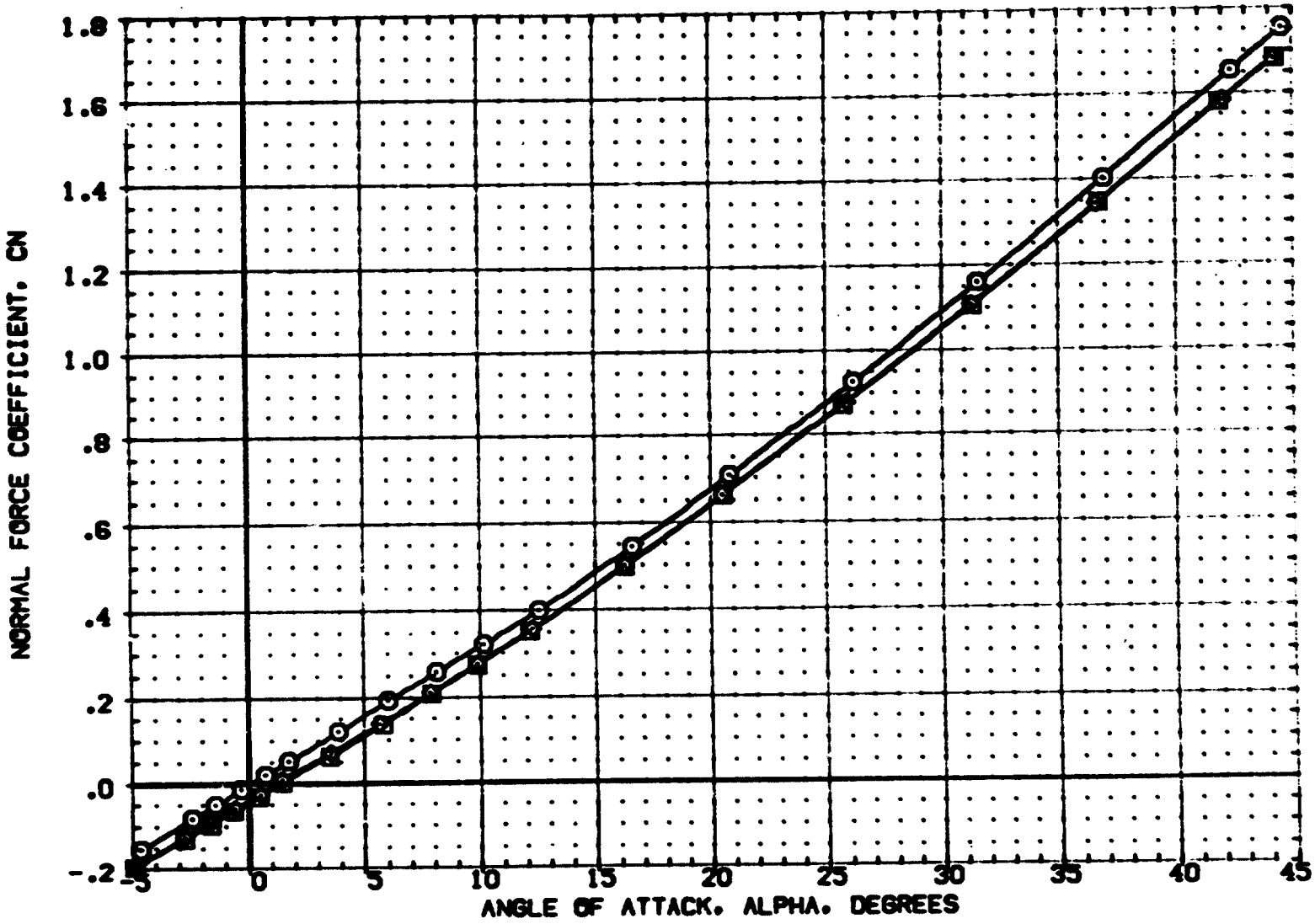


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
[illegible]	0444 UPVT 1088 CONF-2A [illegible]	.000	.000	-14.250	54.000
[illegible]	0444 UPVT 1088 CONF4 [illegible]	.000	.000	-14.250	54.000
[illegible]	0444 UPVT 1088 CONF4 [illegible]	.000	.000	-14.250	54.000

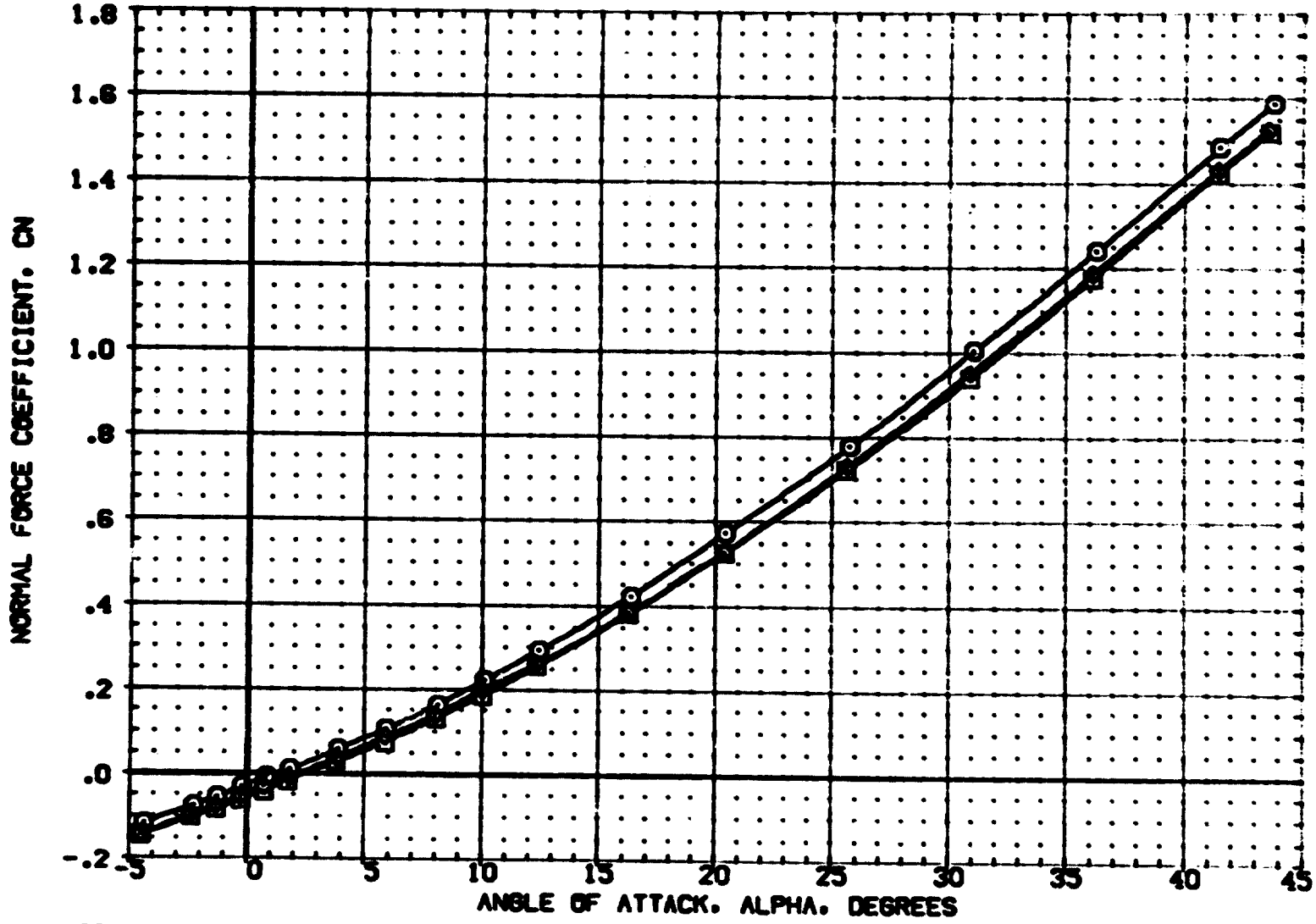
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(A)MACH = 2.50

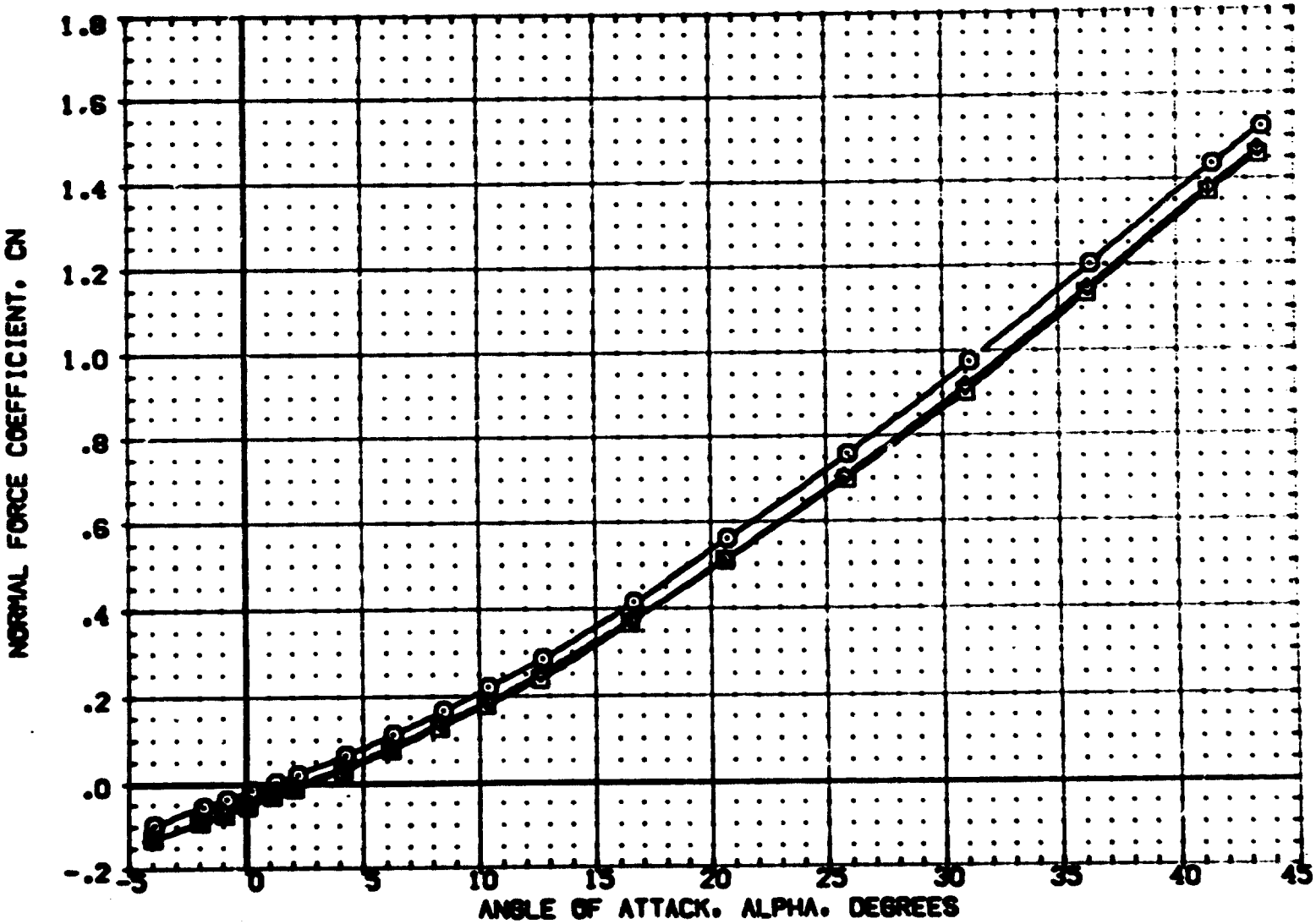
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOSRK	SEE THE ASSOCIATED DATA
[illegible]	0A44 UPVT 1035 CONF-2A B1OC3D7/QF4W8/E18R9V5X18	.000	.000	-14.250	54.920	DOCUMENT FOR REFERENCE
[illegible]	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X18	.000	.000	-14.250	54.920	CHARACTERISTICS FOR
[illegible]	0A44 UPVT 1035 CONF4 B2IC7E23F5H4R5V7V107X18	.000	.000	-14.250	54.920	INDIVIDUAL DATASETS



COMPONENT BUILDUP

(B)MACH = 3.90

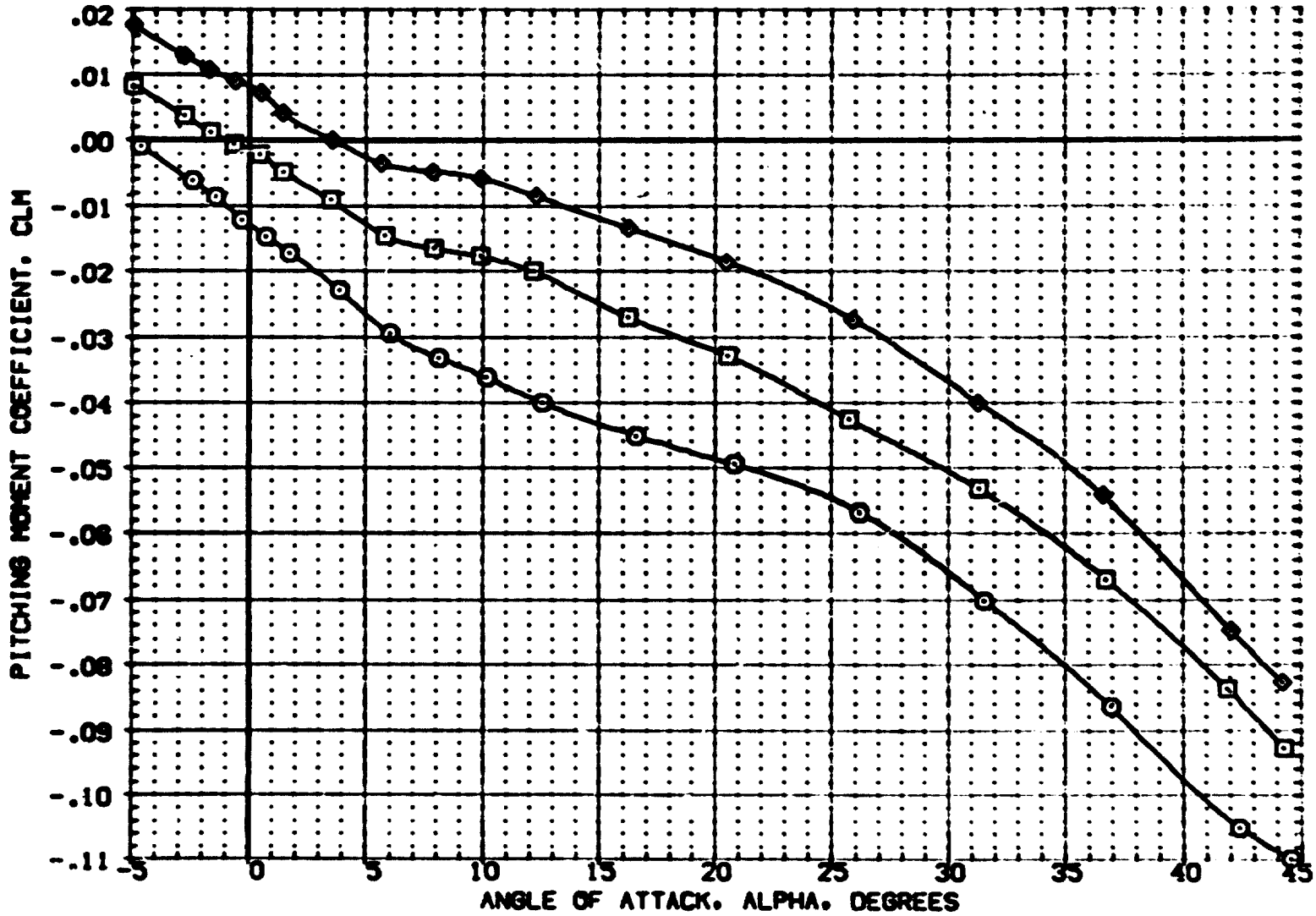
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
○	DM4 UPVT [illegible] CBF-2A [illegible]	.000	.000	=[illegible]	[illegible]	
□	DM4 UPVT [illegible] CBF4 [illegible]	.000	.000	=[illegible]	[illegible]	



COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOIRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNC02)	0444 UPVT 1005 CDF-2A B10C207H0F4V07E1BFDV0X16	.000	.000	-14.250	54.920	
(RPNC16)	0444 UPVT 1005 CDF4 B1BC7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	
(RPNC23)	0444 UPVT 1005 CDF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	

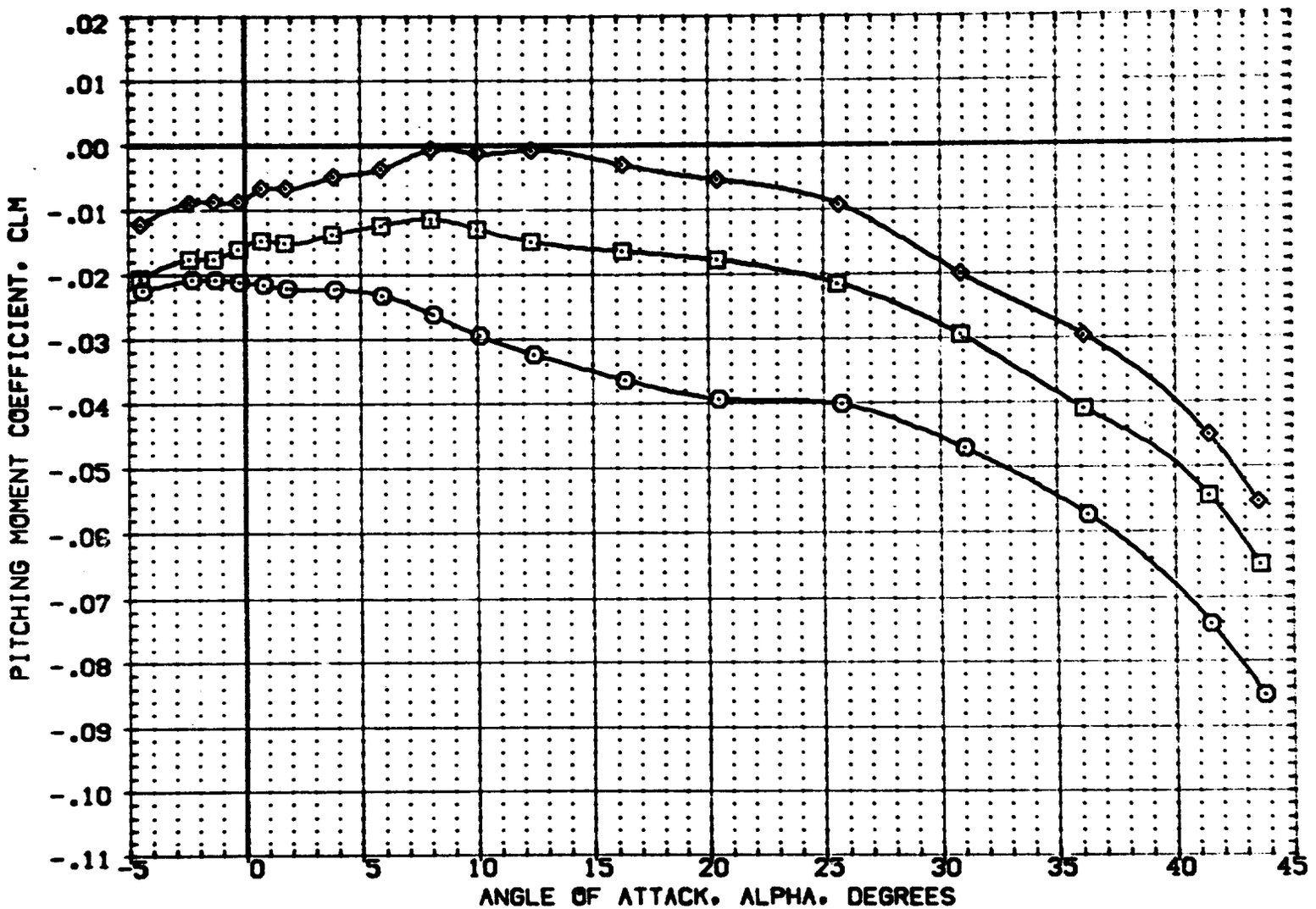


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOERK
[illegible]	[illegible]	.000	.000	-14.250	54.920
[illegible]	[illegible]	.000	.000	-14.250	54.920
[illegible]	[illegible]	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

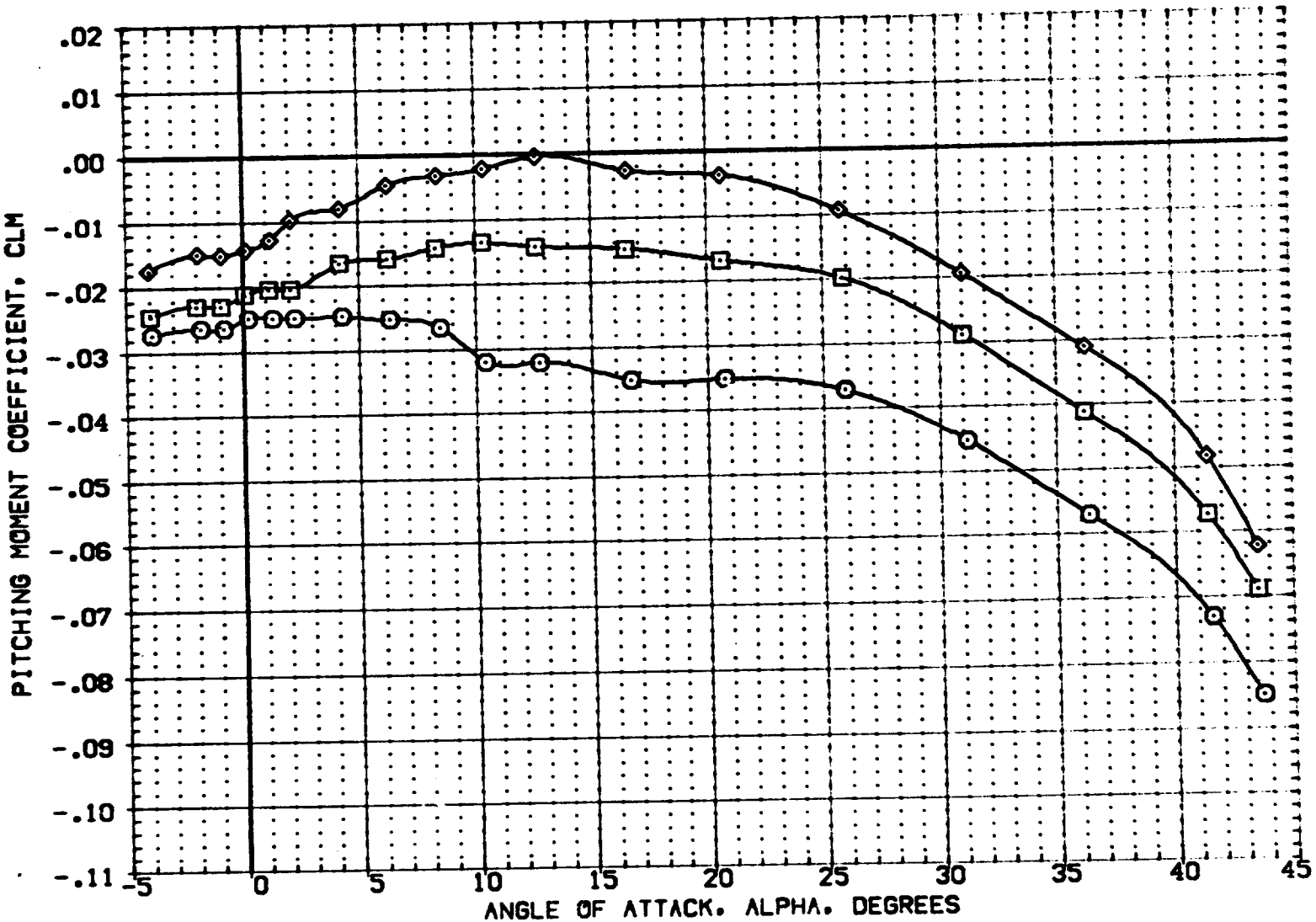


COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10CS07M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNE19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

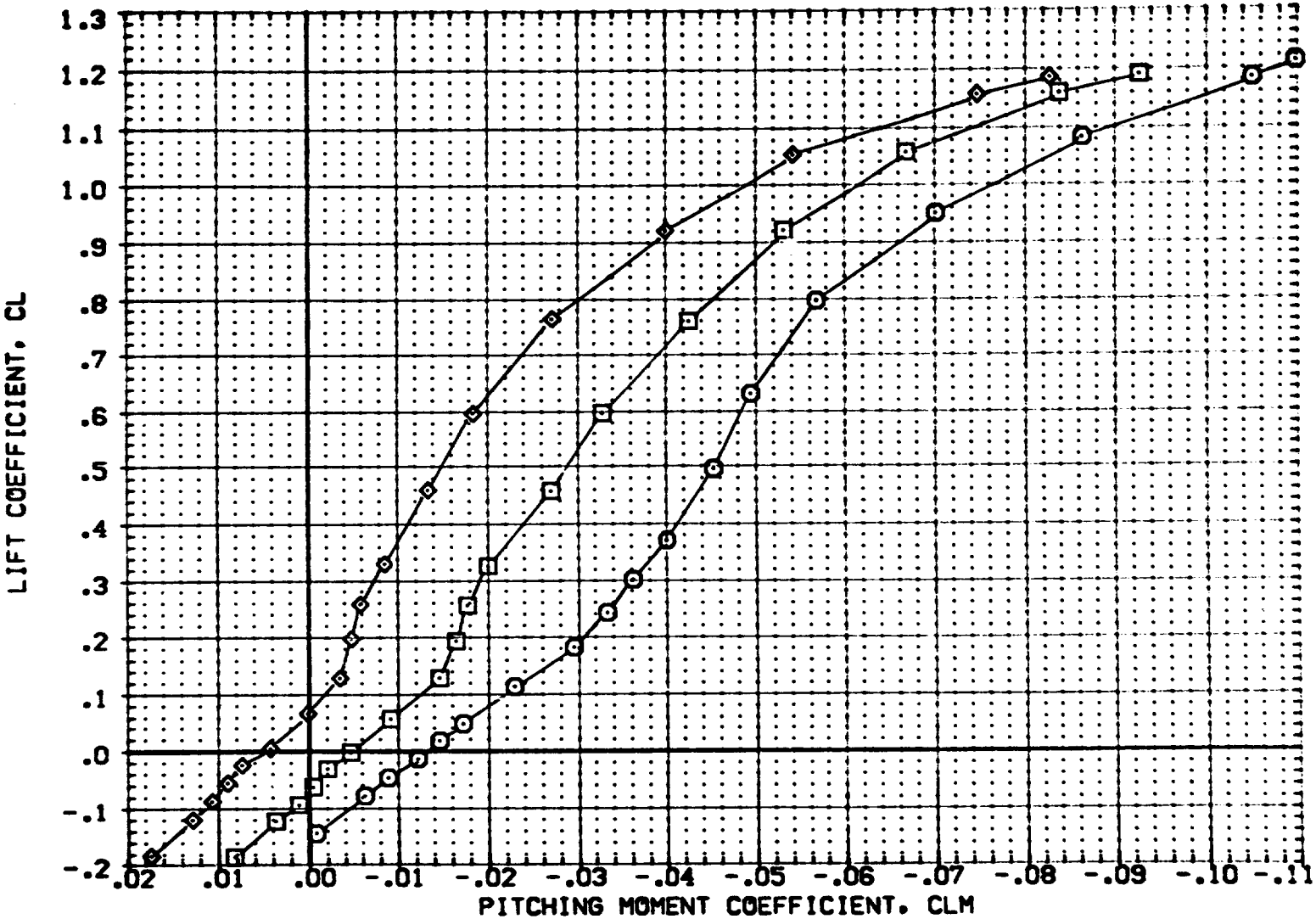


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
[RPNE02]	□	0W44 UPVT 1088 CONF-2A B10C307KCF4W87E1BRBV8X16	.000	.000	-14.250	54.920
[RPNE19]	○	0W44 UPVT 1088 CONF4 B1BC7K2BFBHVBV7V107X16	.000	.000	-14.250	54.920
[RPNE28]	◇	0W44 UPVT 1088 CONF4 B21C7K2BFBHVBV7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

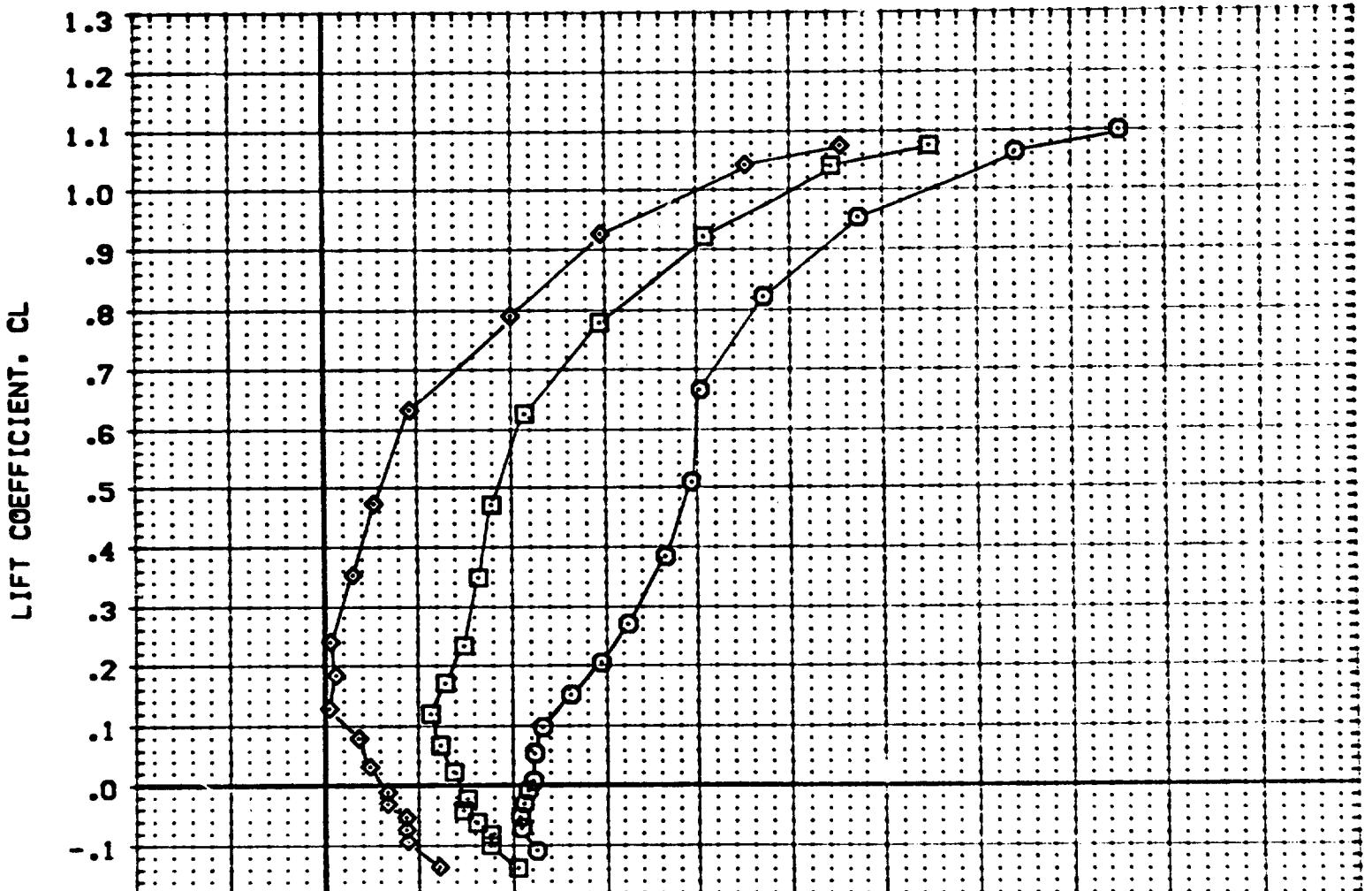


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
(RPNE02)	□	0A44 UPVT 1035 CONF-2A B1DC3C7HQF4W87E1SRBV3X16	.000	.000	-14.250	54.920
(RPNE15)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

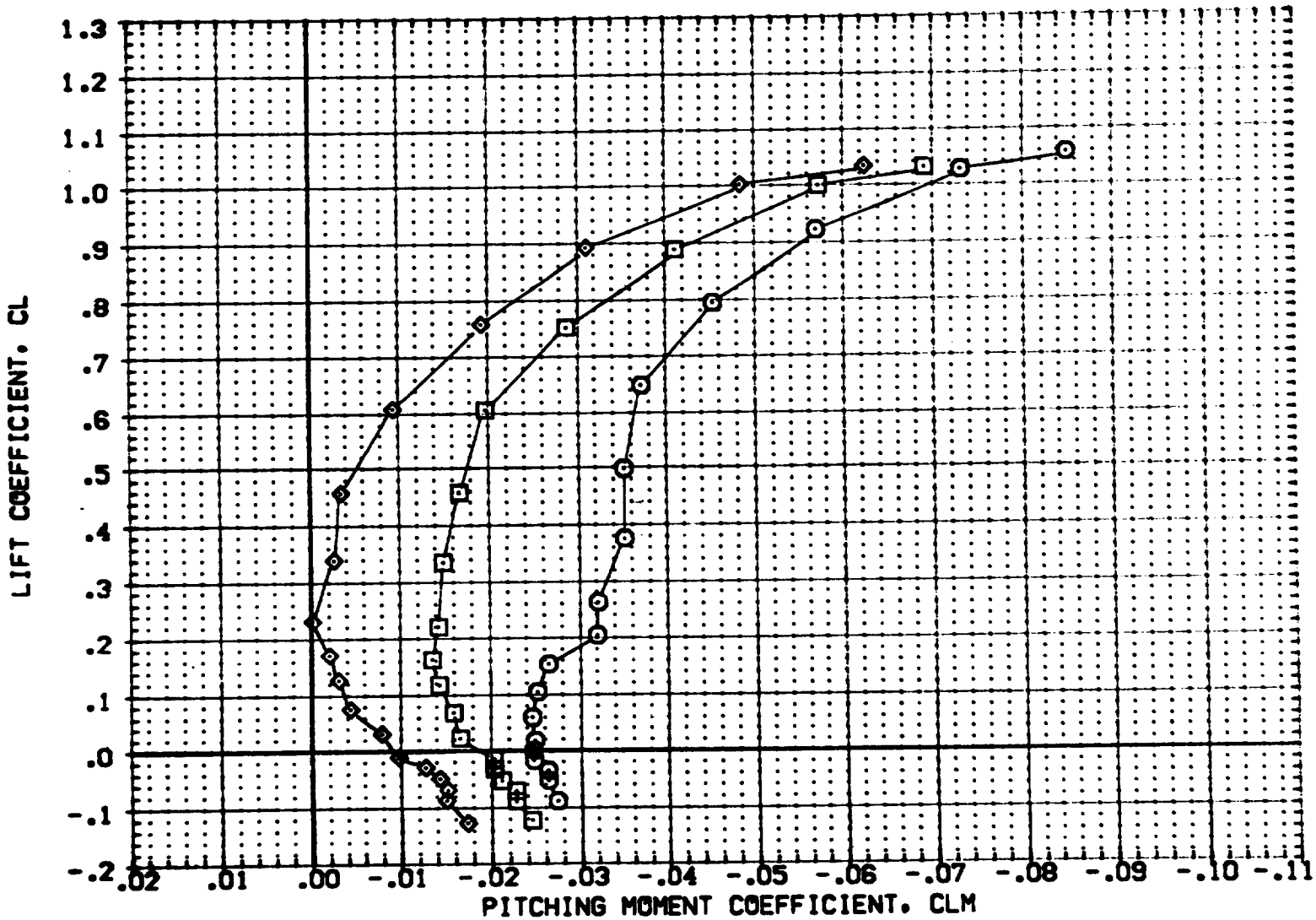


COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
[RPNE02]	○	0A44 UPVT 1035 CONF-2A B1OC3D7/4QF4VB7E1BF5V5X16	.000	.000	-14.250	54.920
[RPNE15]	□	0A44 UPVT 1035 CONF4 B1BC7E23F5H4B5V7V107X16	.000	.000	-14.250	54.920
[RPNE25]	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4B5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

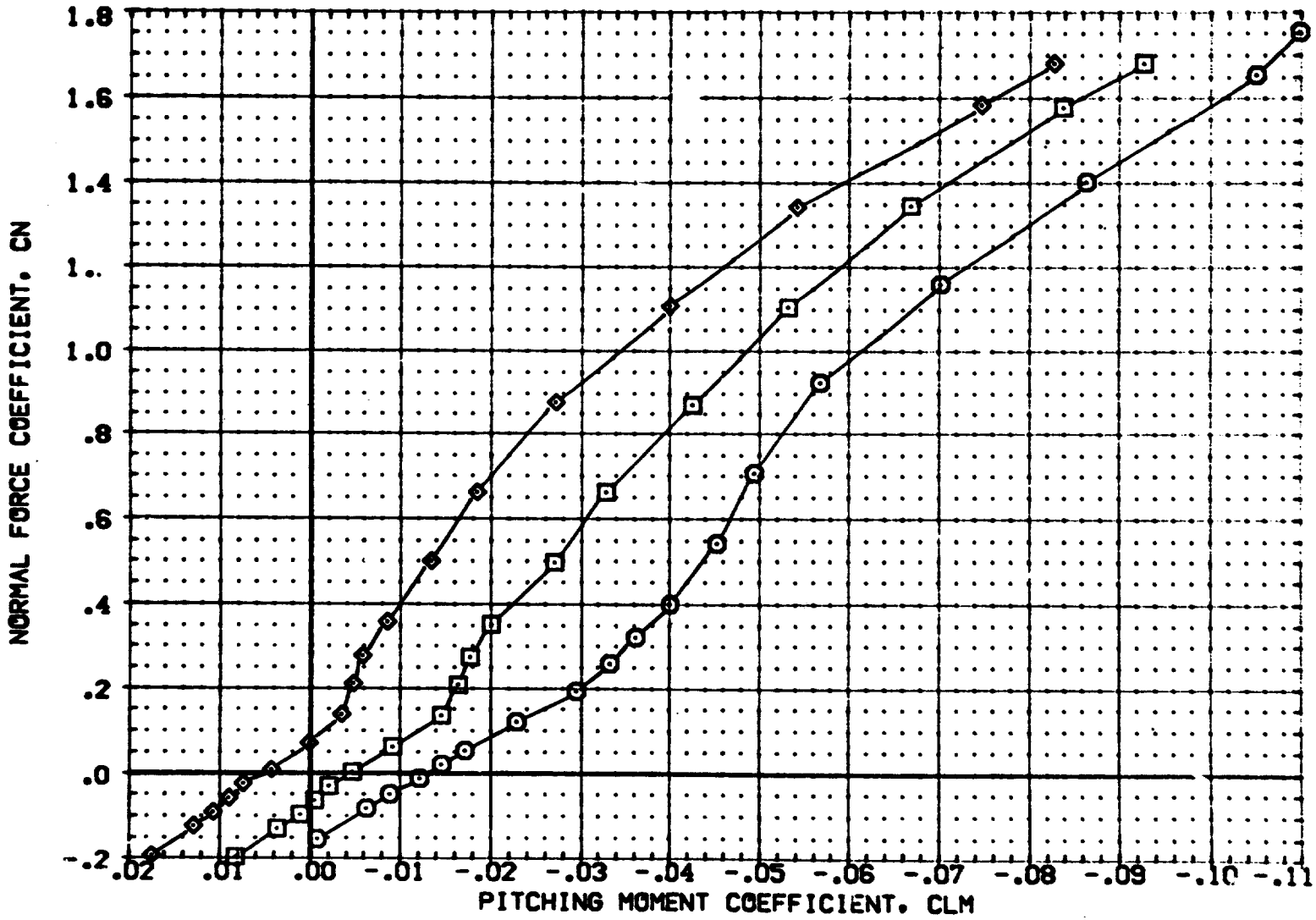


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOSRK
(RPNE02)	□	0A44 UPWT 103S CONF-2A B10C5D7MDF4V87E18R5V5X18	.000	.000	-14.250	54.920
(RPNE19)	▽	0A44 UPWT 103S CONF4 B19C7E23F5M4R5V7V107X18	.000	.000	-14.250	54.920
(RPNE25)	◇	0A44 UPWT 103S CONF4 B21C7E23F5M4R5V7V107X18	.000	.000	-14.250	54.920

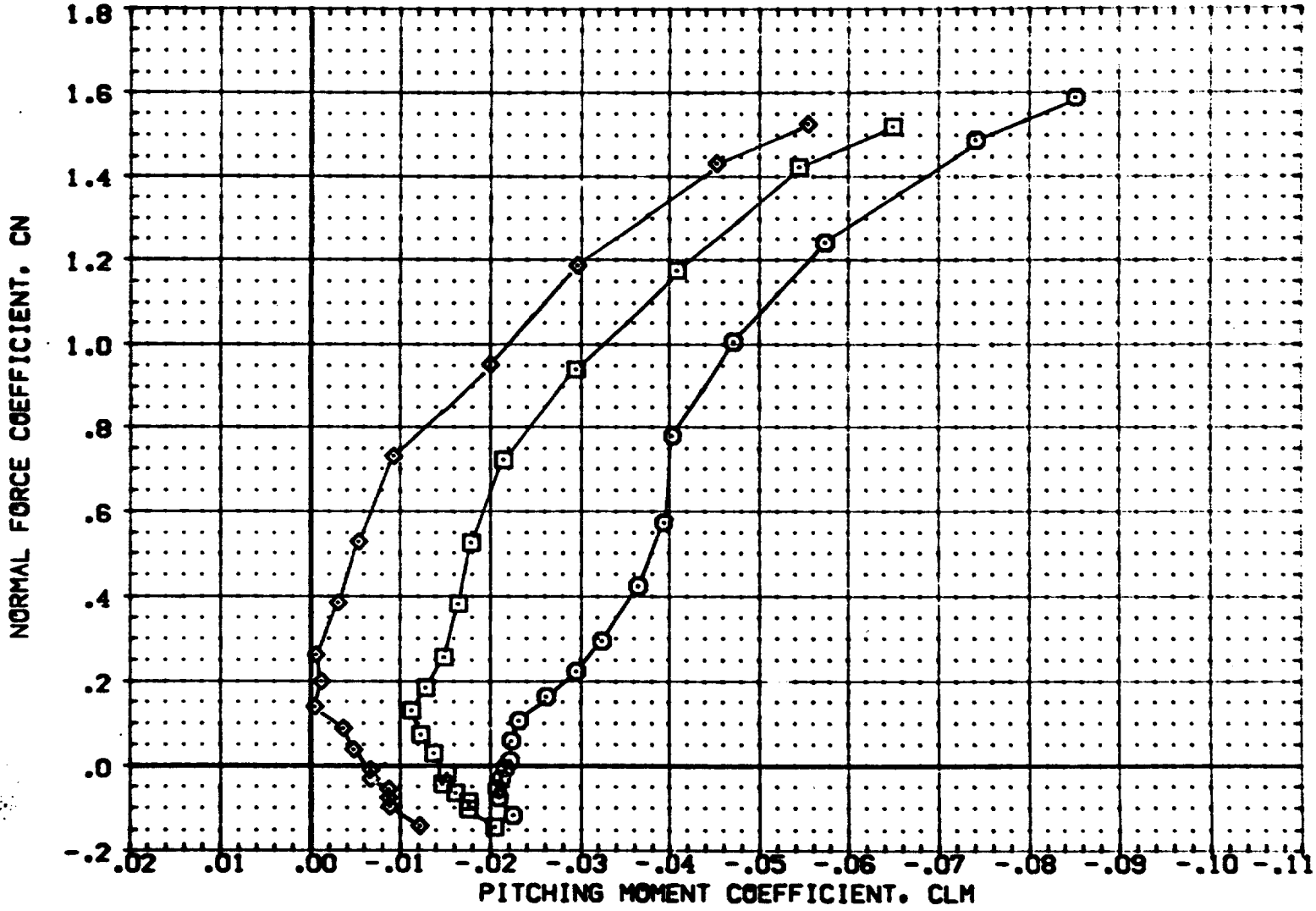
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(A)MACH = 2.50

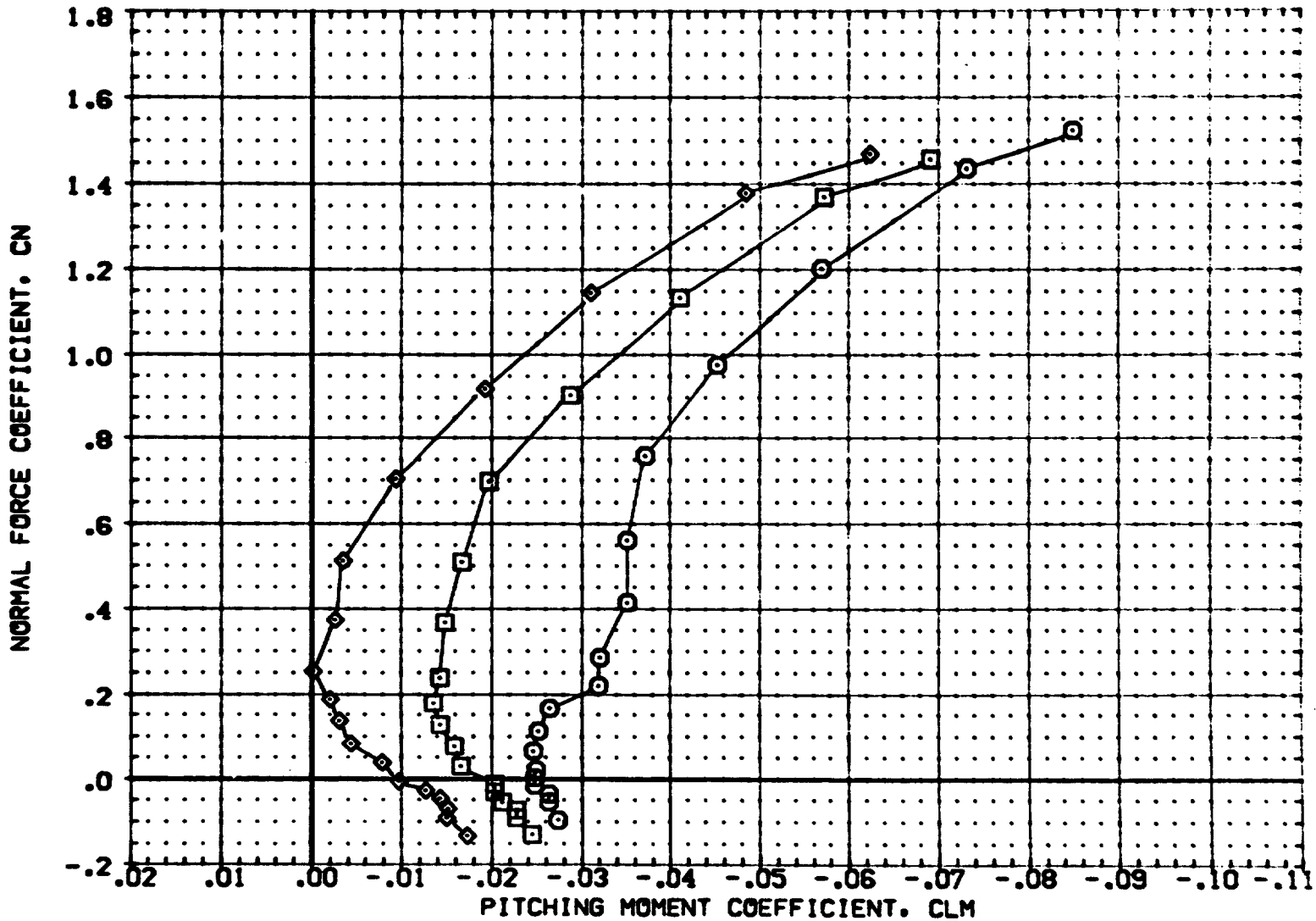
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10C3D7H3F4W87E18R5V5X16	.000	.000	-14.250	54.920	
(RPNE19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	



COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10C3D7M3F4V87E18R5V5X16	.000	.000	-14.250	54.920	
(RPNE19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	

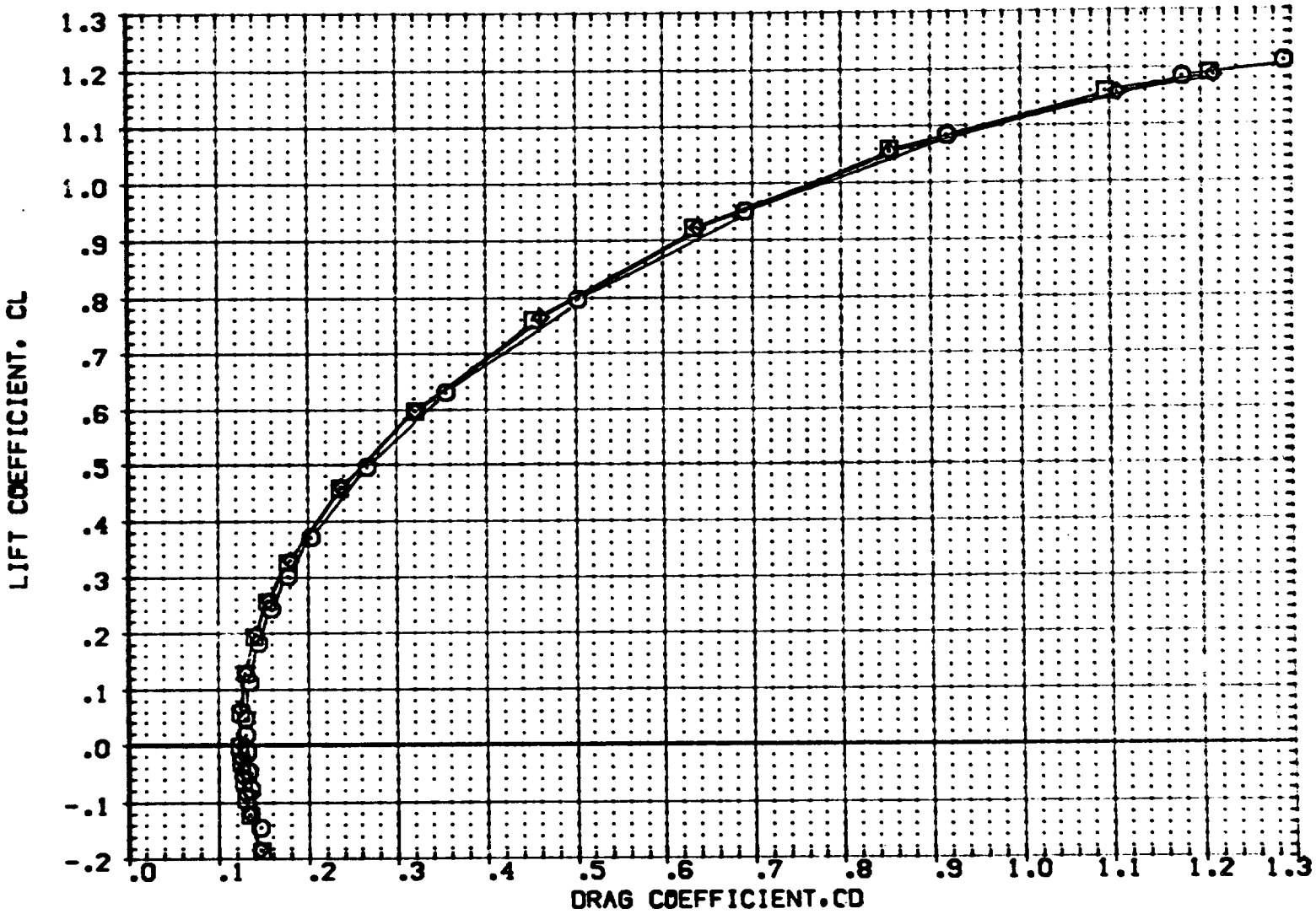


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	RUDDER	BOFLAP	SPDBRK
(RPNE02)	○	0A44 UPVT 1035 CONF-2A	B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNE19)	□	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNE25)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

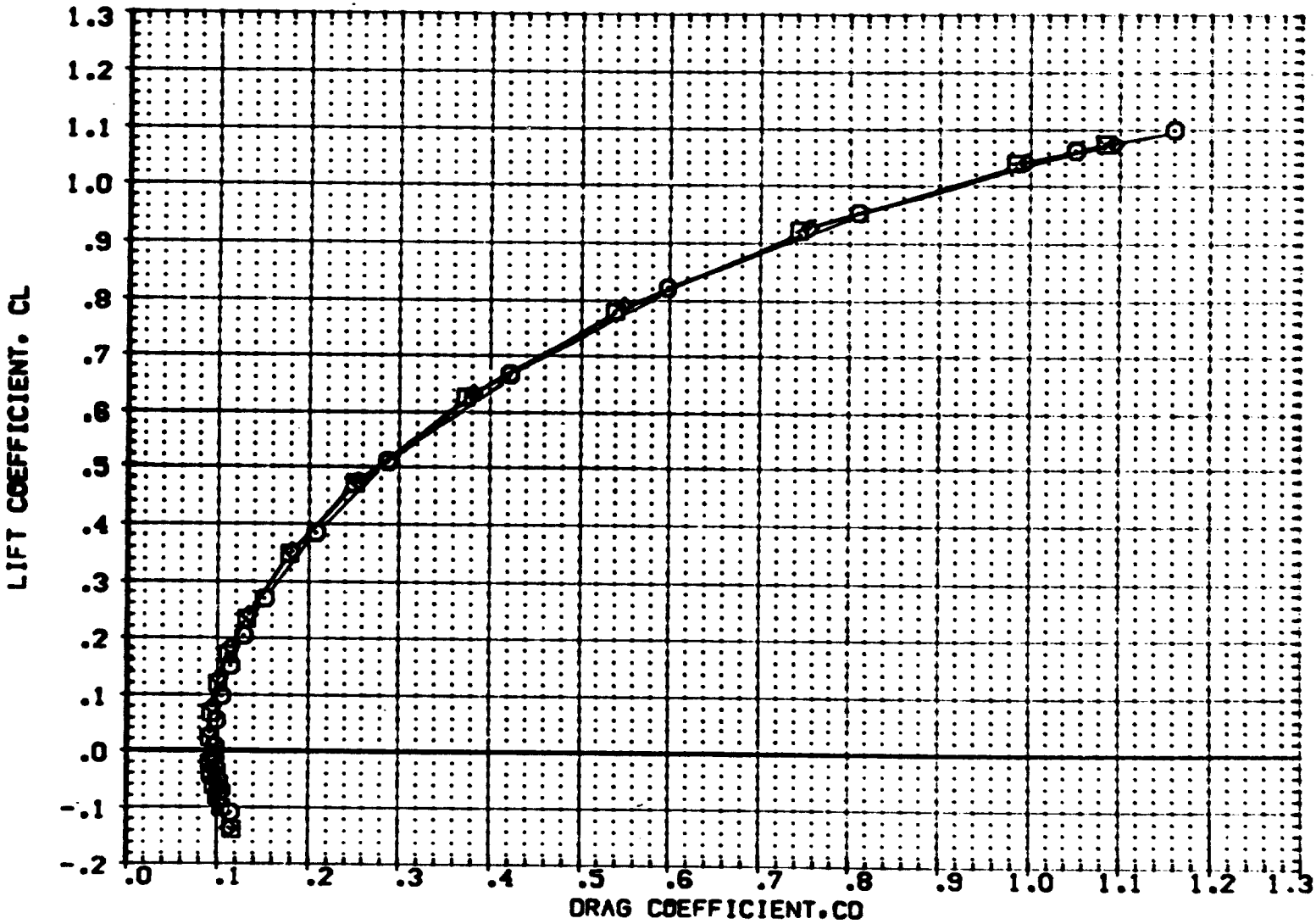
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK	SEE THE ASSOCIATED DATA
(RPNE02)	○	0A44 UPVT 1035 CONF-2A B10C5D7H3F4V87E18R5V5X16	.000	.000	-14.250	54.920	DOCUMENT FOR REFERENCE
(RPNE19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	CHARACTERISTICS FOR
(RPNE25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	INDIVIDUAL DATASETS

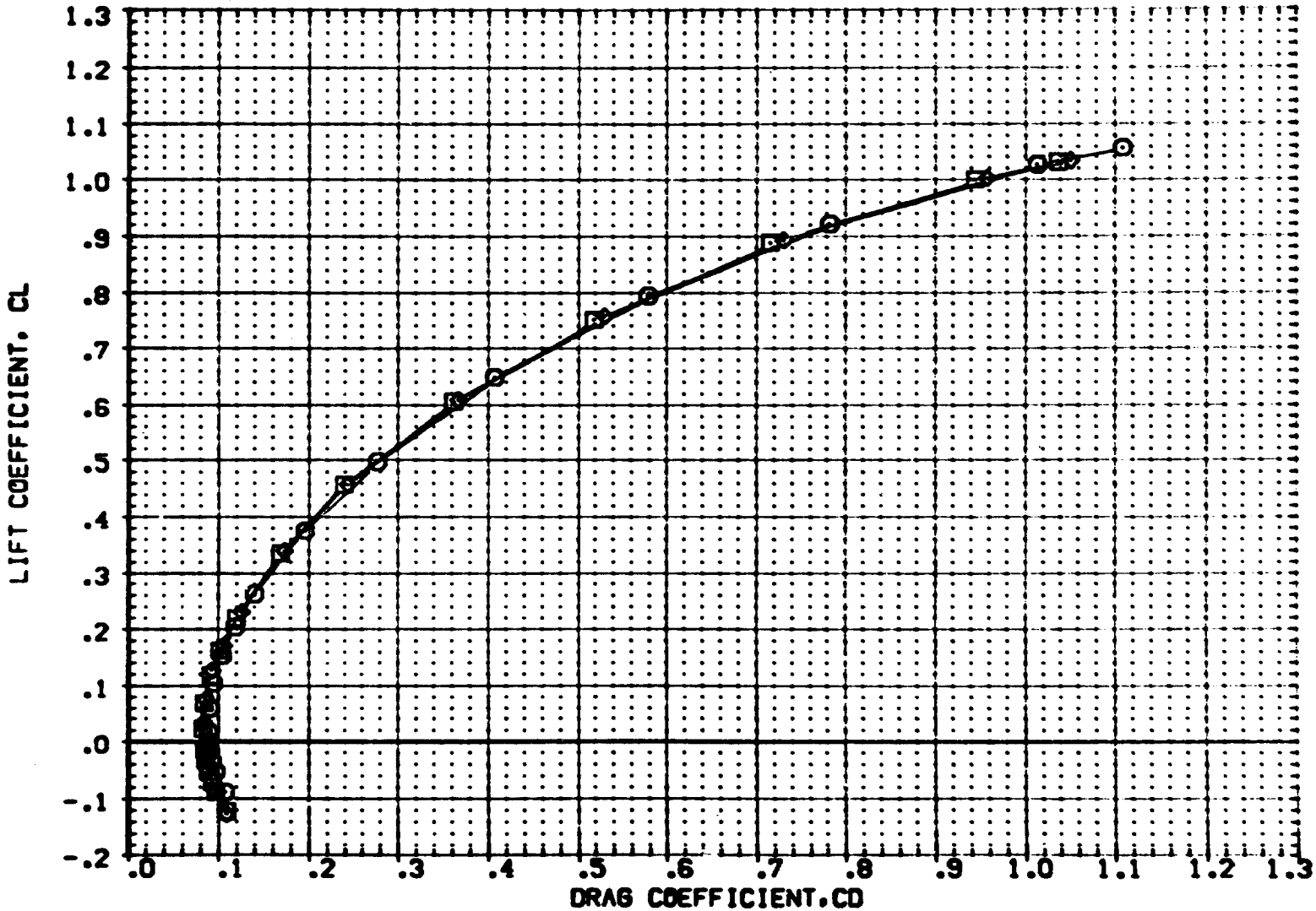


COMPONENT BUILDUP

(B)MACH = 3.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK
[RPNE02]	○	0A44 UPVT 1035 CONF-2A B10C5D7HCF4V87E1BR5V5X16	.000	.000	-14.250	54.920
[RPNE19]	□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920
[RPNE25]	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

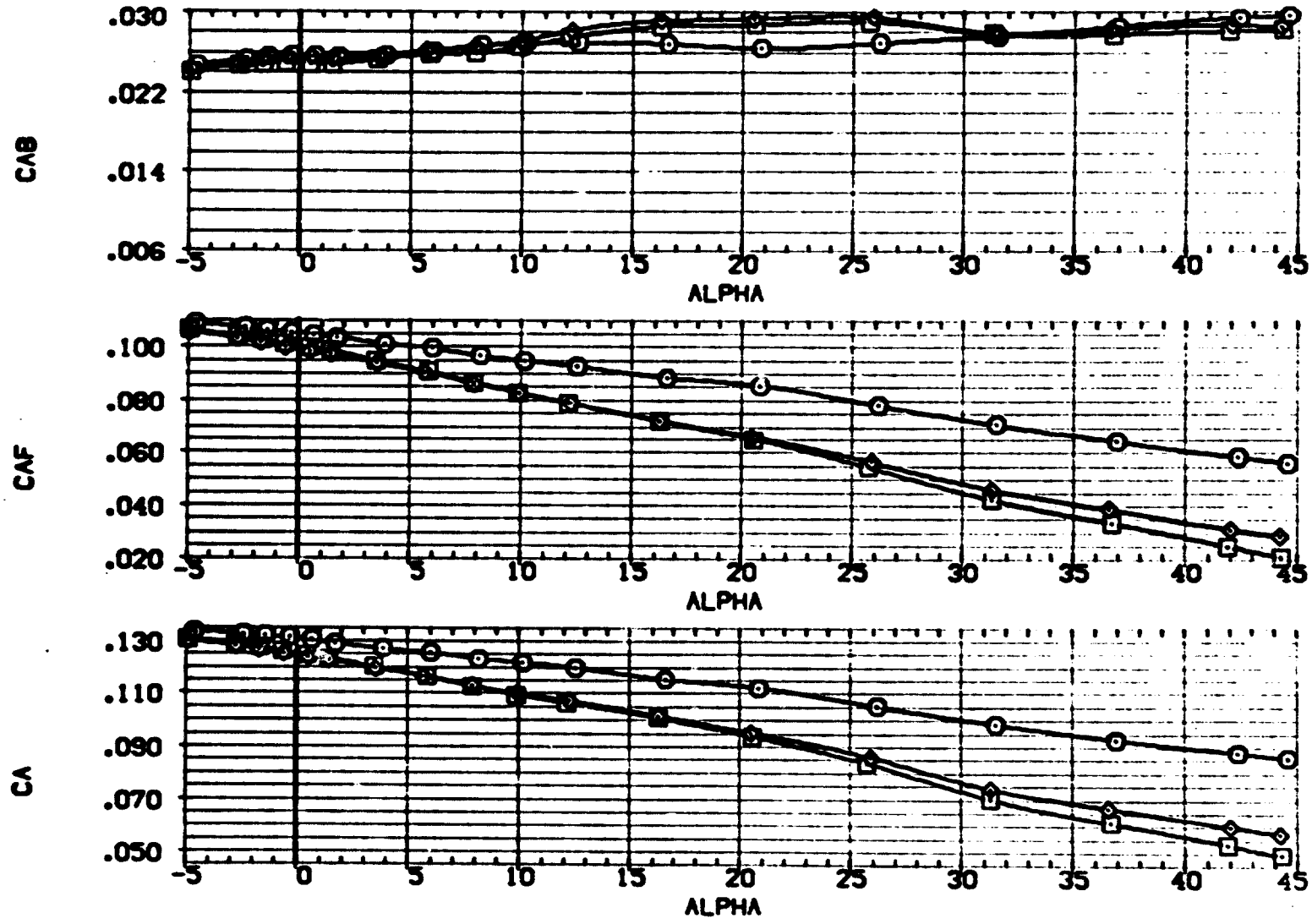


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
(RPNP02)	○	0A44 UPVT 1035 CONF-2A B10C307H3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNP19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNP25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

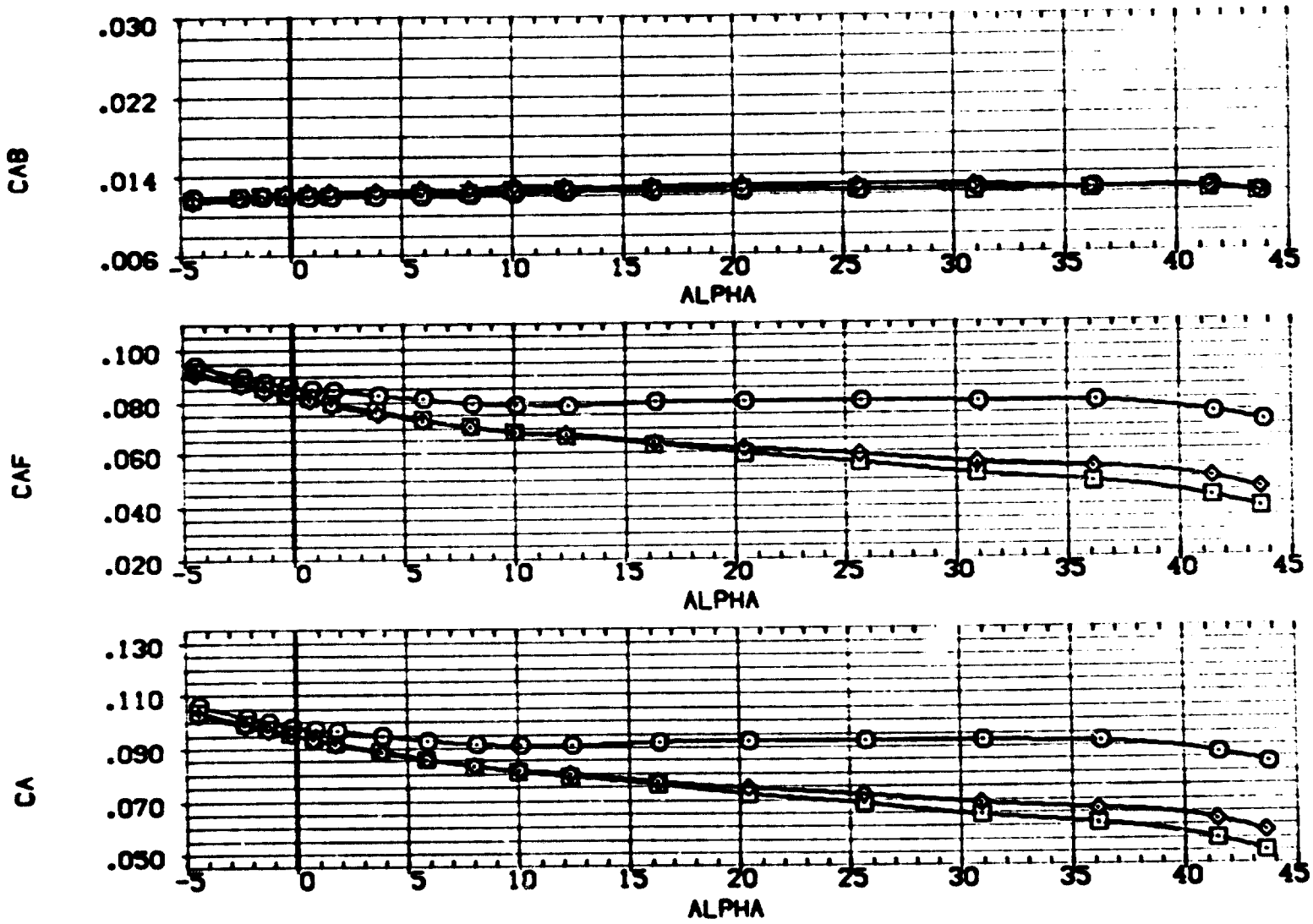


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
(RPVP02)	○	0A44 UPVT 1035 CONF-2A B10C3D7M3F4V87E16R5V5X16	.000	.000	-14.250	54.920
(RPVP19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPVP25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

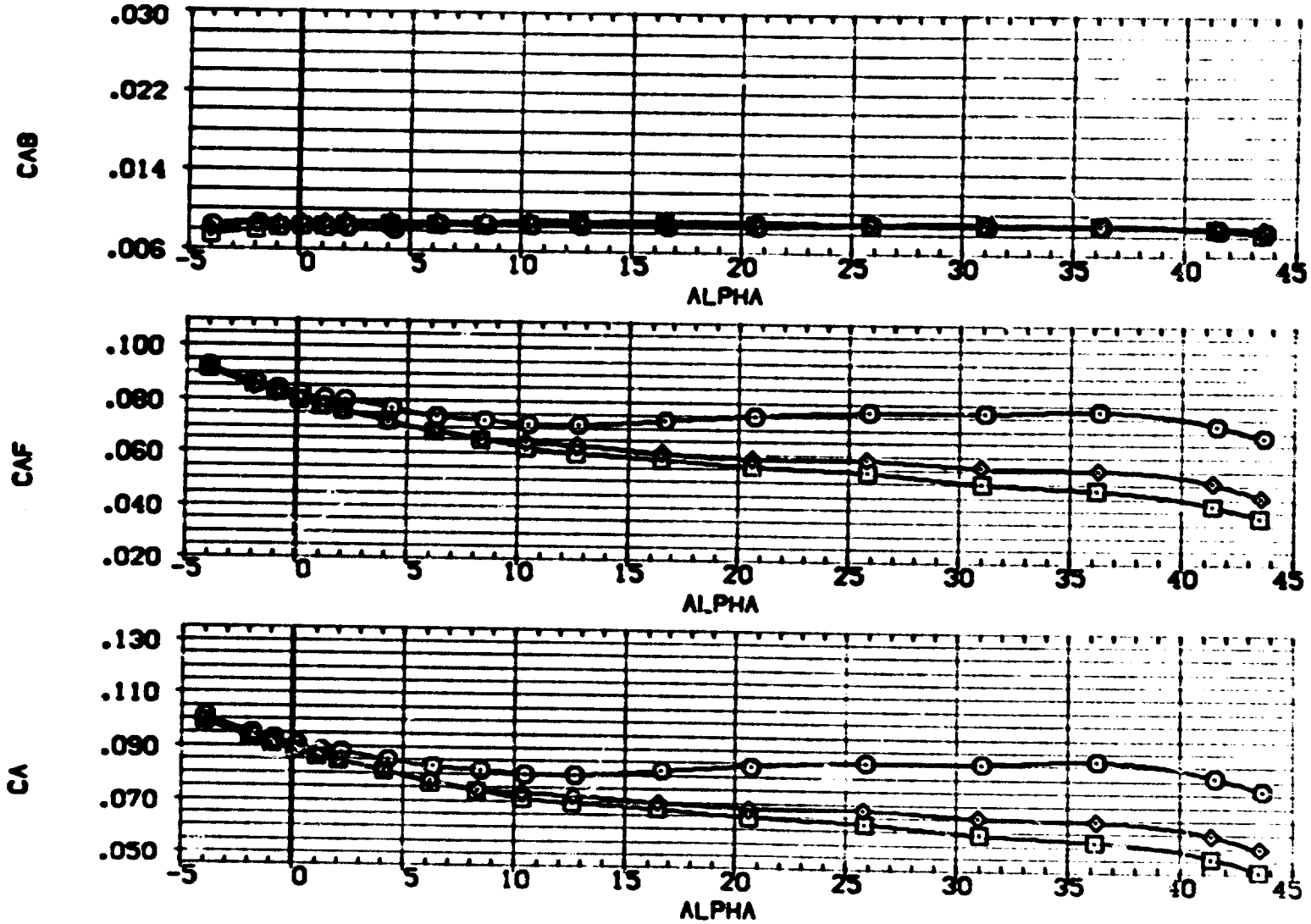
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK	SEE THE ASSOCIATED DATA
[illegible]	○	0A44 UPVT 1035 CONF-2A P/OC5D7MQF4V87E1BR5V5X16	.000	.000	-14.250	54.920	DOCUMENT FOR REFERENCE
[illegible]	□	0A44 UPVT 1035 CONF4 81SC7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	CHARACTERISTICS FOR
[illegible]	◇	0A44 UPVT 1035 CONF4 821C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920	INDIVIDUAL DATASETS

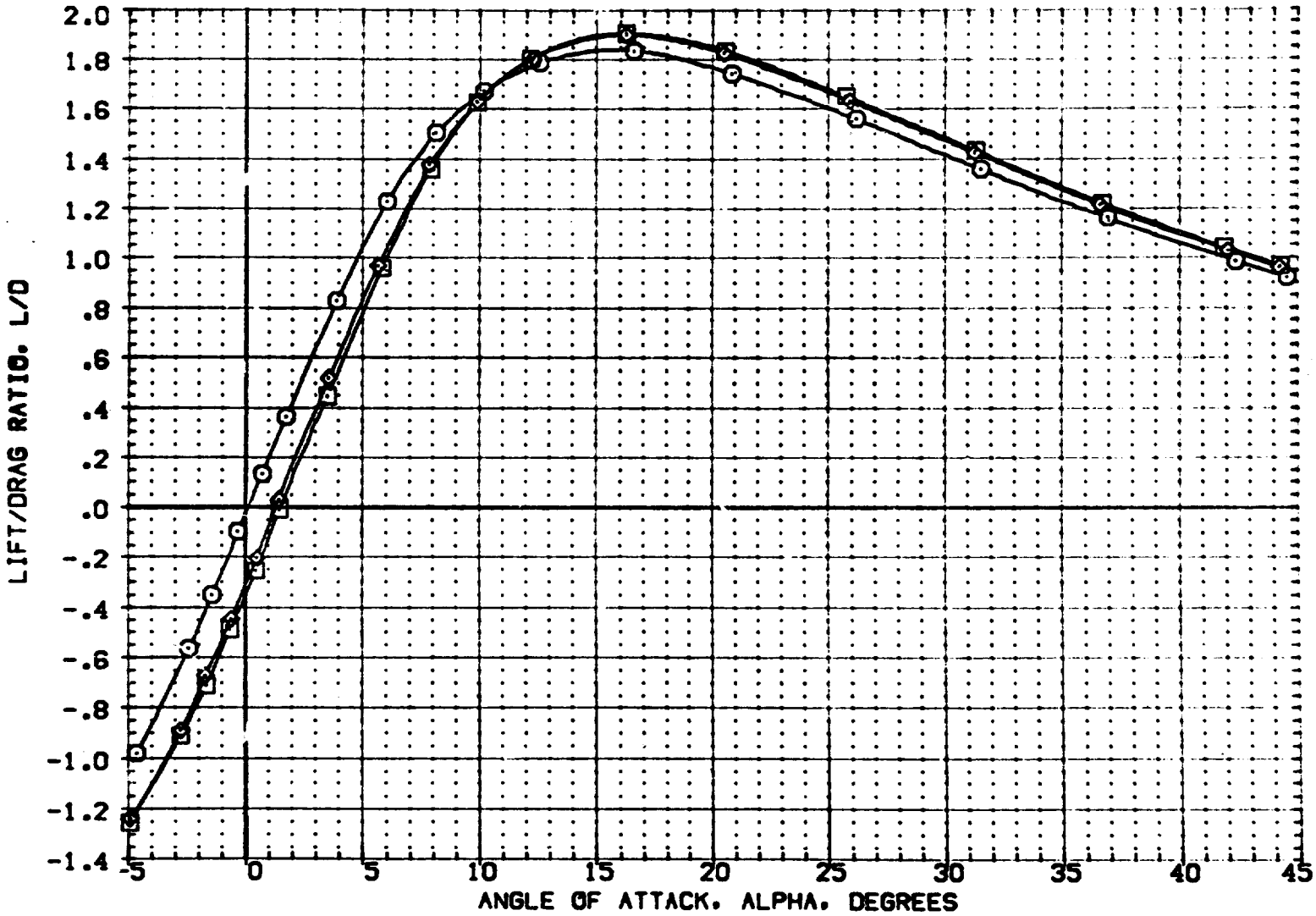


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK
(RPNP02)	□	0A44 UPWT 1035 CONF-2A B10C507M3F4V07E16T5V5X16	.000	.000	-14.250	54.920
(RPNP19)	△	0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNP25)	◇	0A44 UPWT 1035 CONF4 B21C7E23F5M[illegible]R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

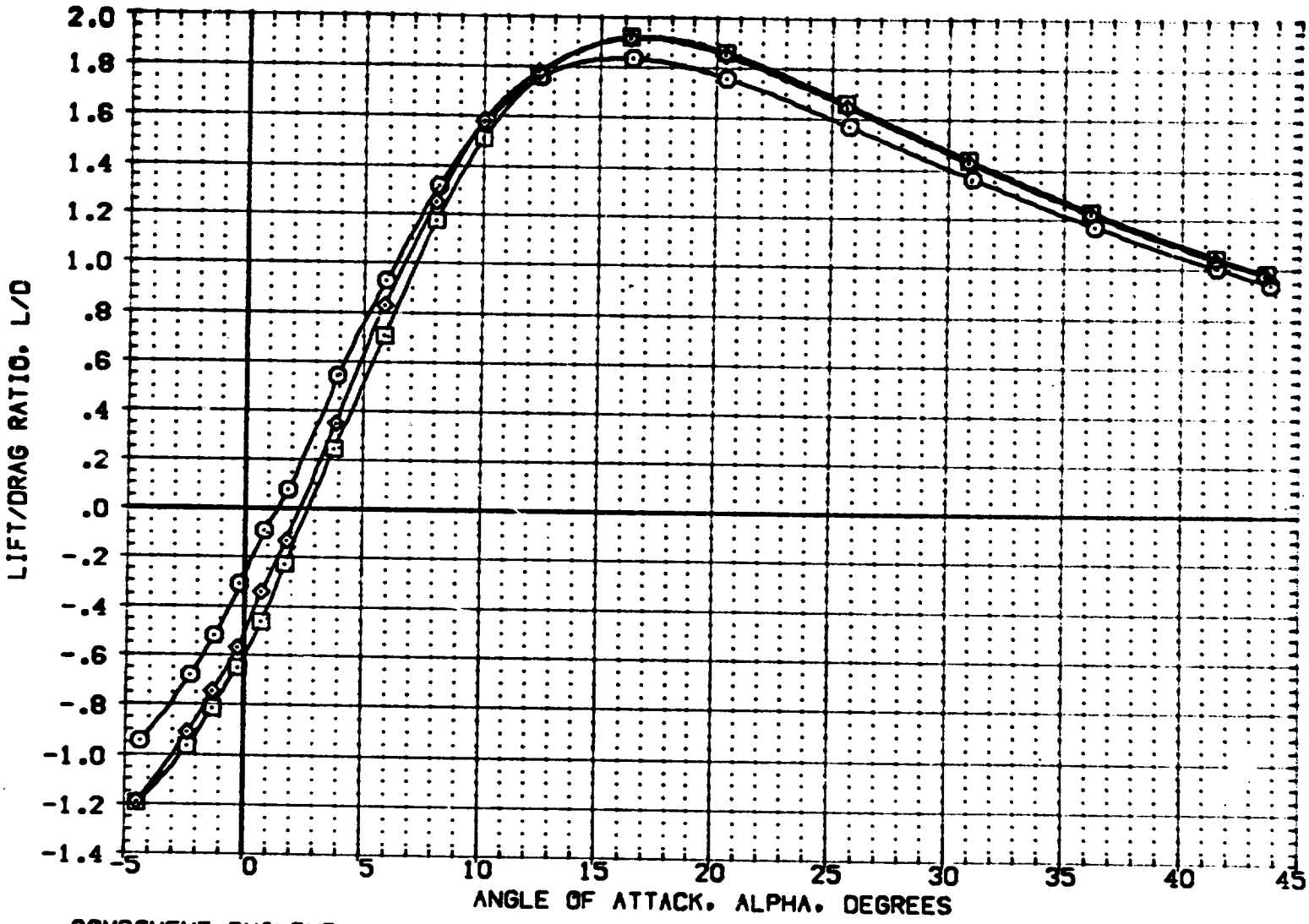


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
(RPNP02) □	0A44 UPVT 1035 CONF-2A B1DC507M3F4V87E18R5V5X18	.000	.000	-14.250	54.920
(RPNP19) □	0A44 UPVT 1035 CONF4 B1BC7E22F5M4R5V7V107X18	.000	.000	-14.250	54.920
(RPNP23) ◇	0A44 UPVT 1035 CONF4 B21C7E22F5M4R5V7V107X18	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

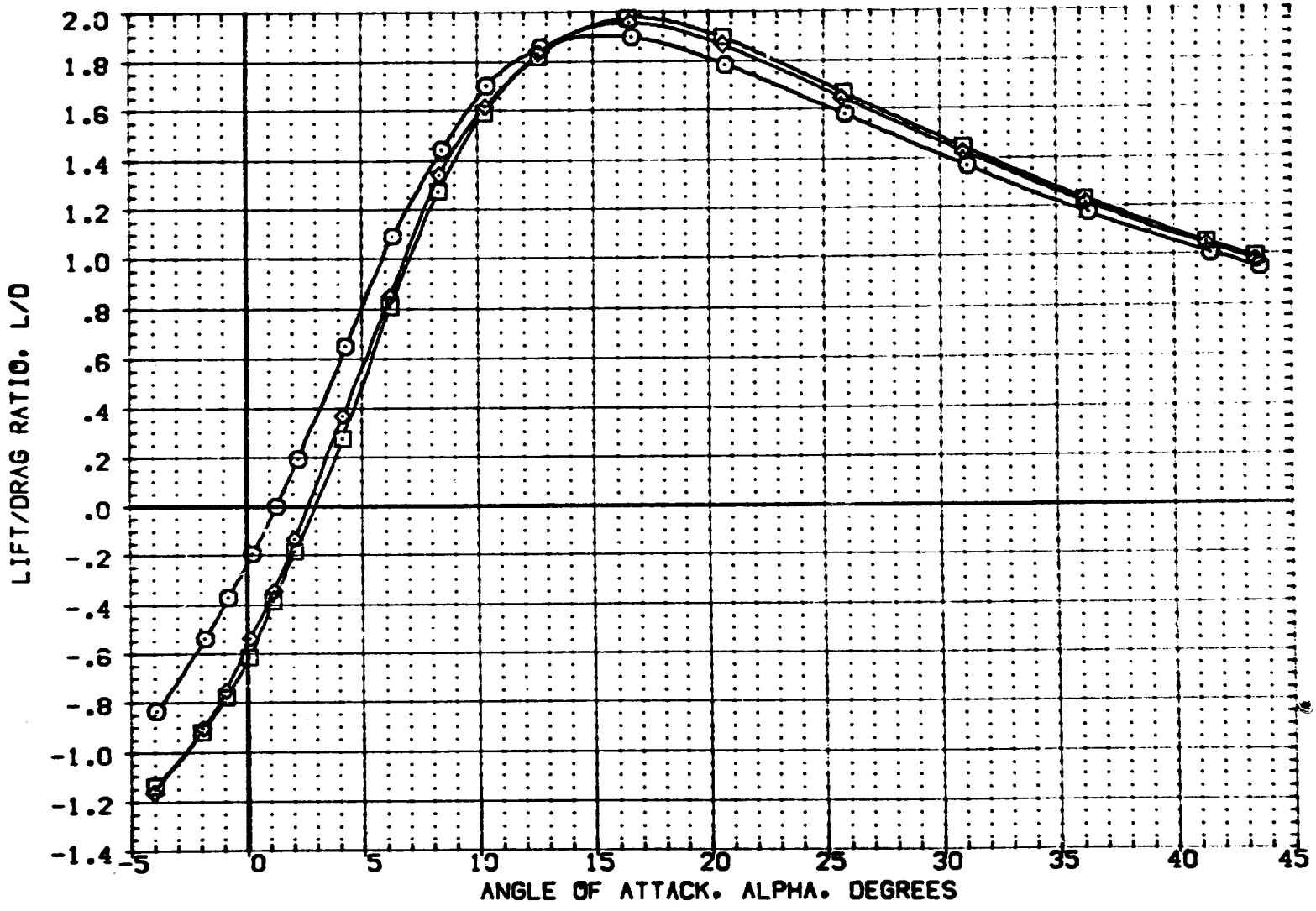


COMPONENT BUILDUP

(B)MACH = 3.90

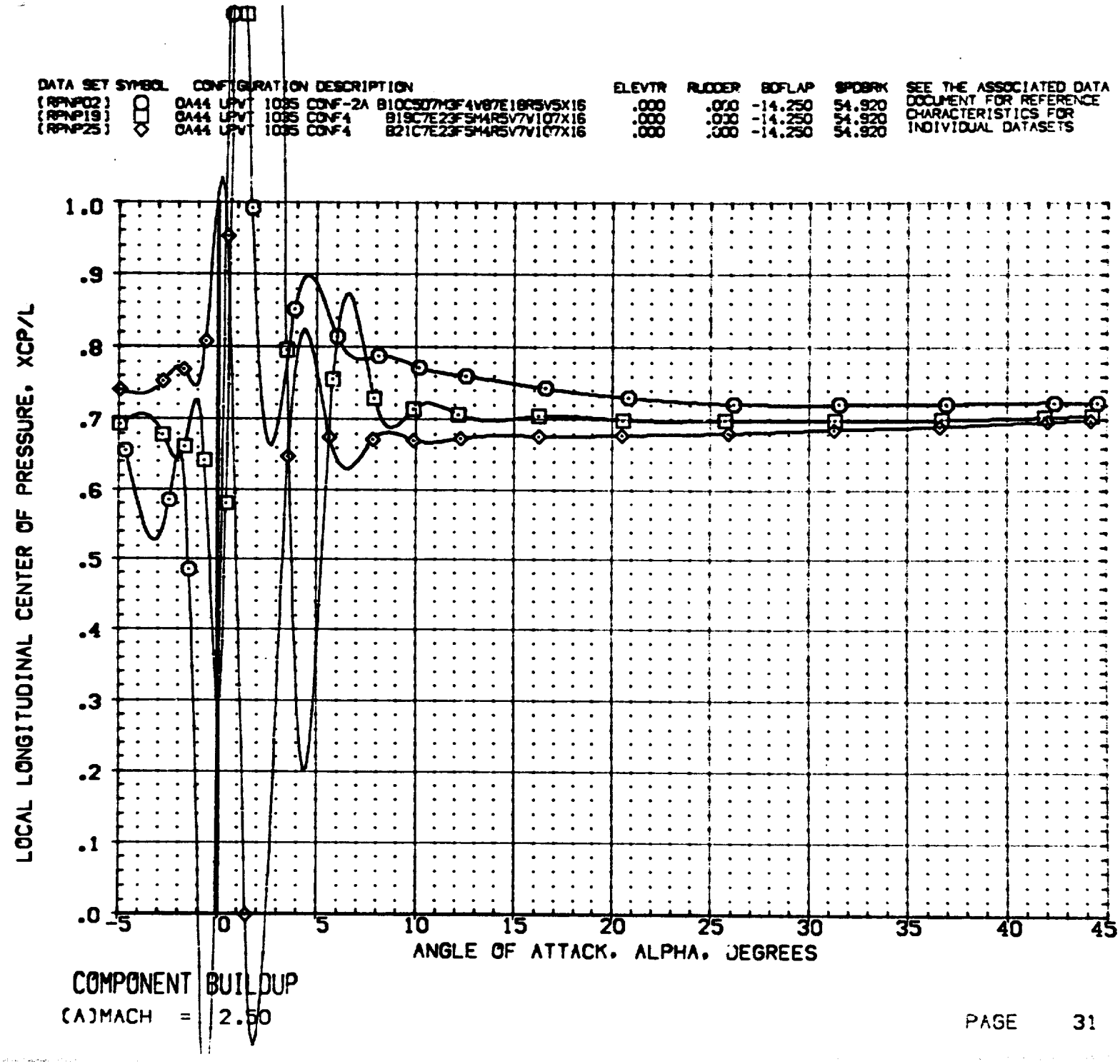
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK
(RPNP02)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1GR5V5X16	.000	.000	-14.250	54.920
(RPNP19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNP25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

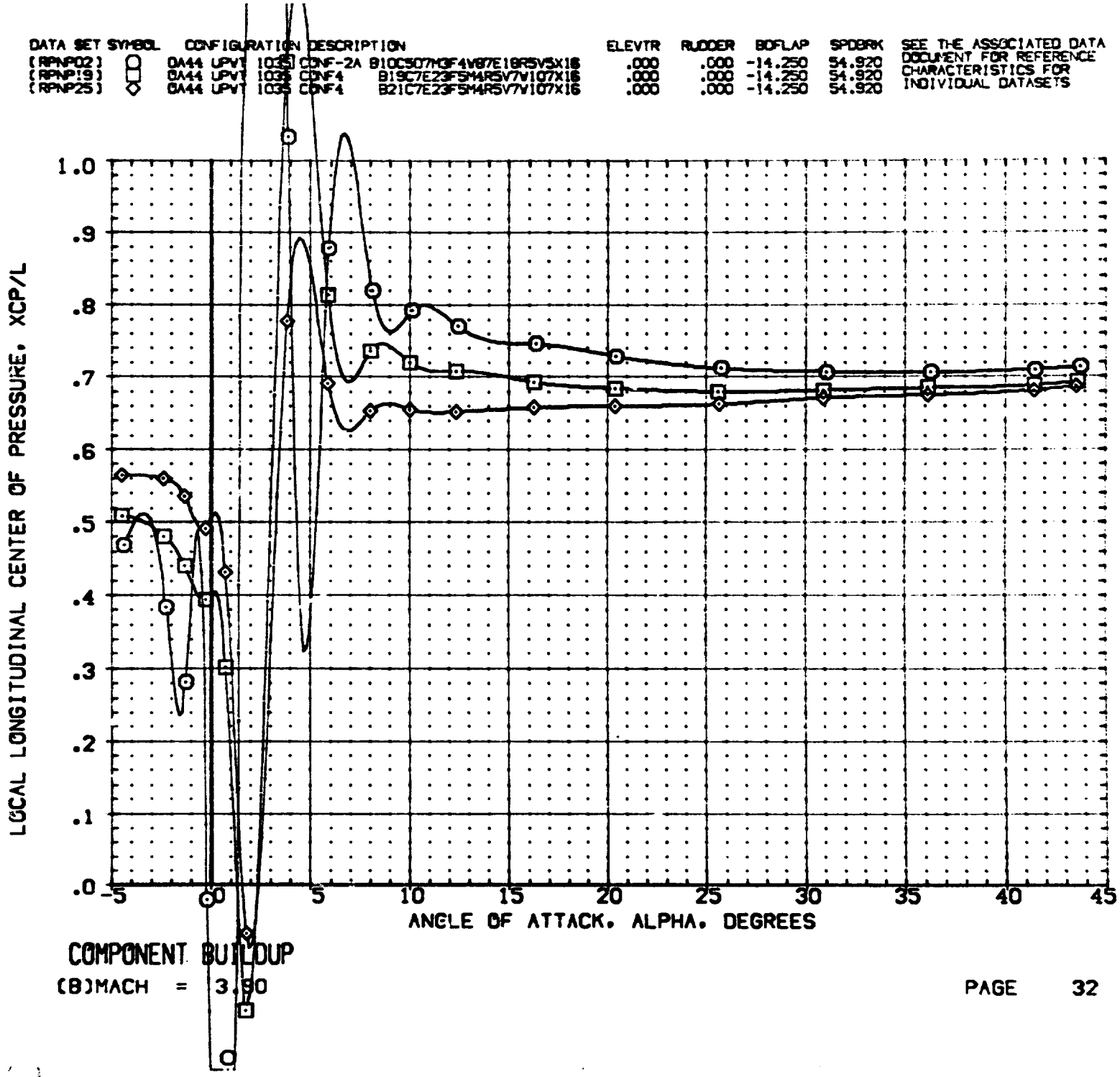
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

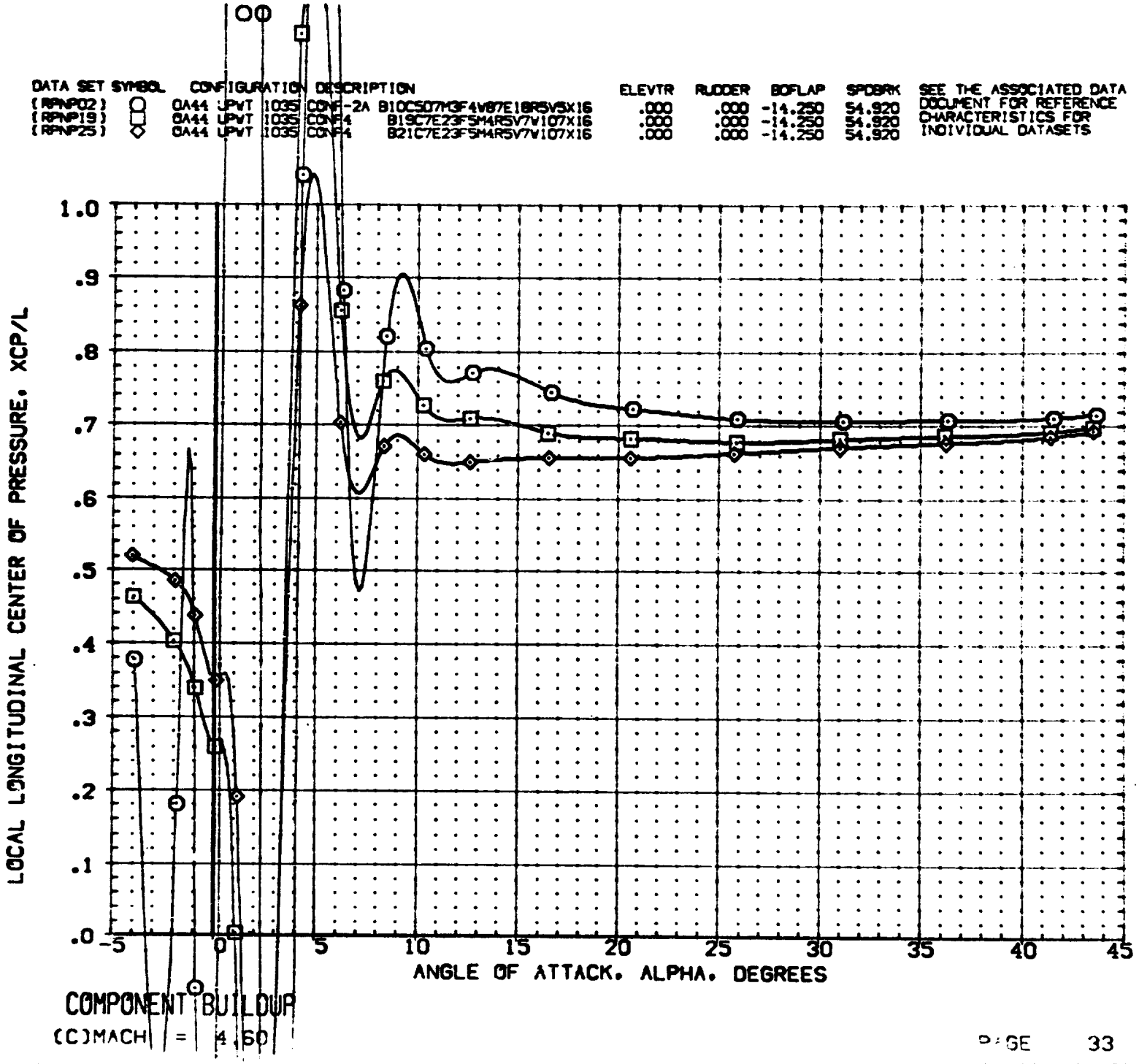


COMPONENT BUILDUP

(C)MACH = 4.60

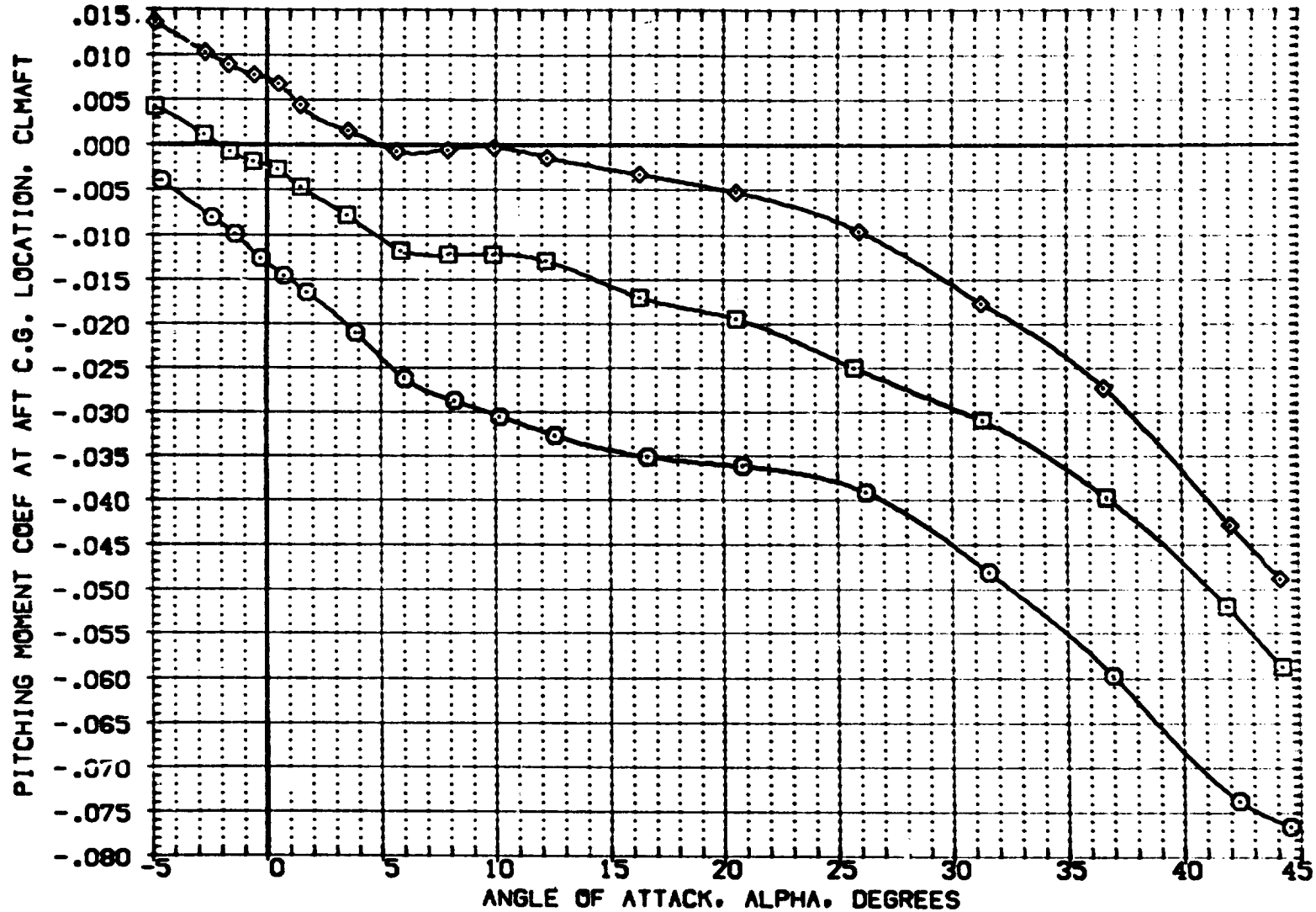

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR RUDDER BDFLAP SPDBRK SEE THE ASSOCIATED DATA
(RPNP02) 0A44 UPWT 1035 CONF-2A B10C507M3F4V07E18R5V5X16 .000 .000 -14.250 54.920 DOCUMENT FOR REFERENCE
(RPNP19) 0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7V107X16 .000 .000 -14.250 54.920 CHARACTERISTICS FOR
(RPNP25) 0A44 UPWT 1035 CONF4 B21C7E23F5M4R5V7V107X16 .000 .000 -14.250 54.920 INDIVIDUAL DATASETS
LOCAL LONGITUDINAL CENTER OF PRESSURE, XCP/L
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
-5
0
5
10
15
20
25
30
35
40
45
ANGLE OF ATTACK, ALPHA, DEGREES
COMPONENT BUILDUP
(A)MACH = 2.50


DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR RUDDER BOFLAP SPDBRK SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP02) 0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16 .000 .000 -14.250 54.920
(RPNP19) 0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16 .000 .000 -14.250 54.920
(RPNP25) 0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16 .000 .000 -14.250 54.920
LOCAL LONGITUDINAL CENTER OF PRESSURE, XCP/L
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
-5
0
5
10
15
20
25
30
35
40
45
ANGLE OF ATTACK, ALPHA, DEGREES
COMPONENT BUILDUP
(B)MACH = 3.90


DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR RUDDER BOFLAP SPDBRK SEE THE ASSOCIATED DATA
(RPNP02) ○ 0A44 UPWT 1035 CONF-2A B10C507M3F4V87E18R5V5X16 .000 .000 -14.250 54.920 DOCUMENT FOR REFERENCE
(RPNP19) □ 0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 .000 .000 -14.250 54.920 CHARACTERISTICS FOR
(RPNP25) ◇ 0A44 UPWT 1035 CONF4 B21C7E23F5M4R5V7W107X16 .000 .000 -14.250 54.920 INDIVIDUAL DATASETS
LOCAL LONGITUDINAL CENTER OF PRESSURE, XCP/L
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
-5
0
5
10
15
20
25
30
35
40
45
ANGLE OF ATTACK, ALPHA, DEGREES
COMPONENT BUILDUP
(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
(MPNZ02)	□	0A44 UPVT 1035 CONF-2A B10C3D7KQF4V07E18R5V5X18	.000	.000	-14.250	54.920
(MPNZ18)	◁□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X18	.000	.000	-14.250	54.920
(MPNZ25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X18	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

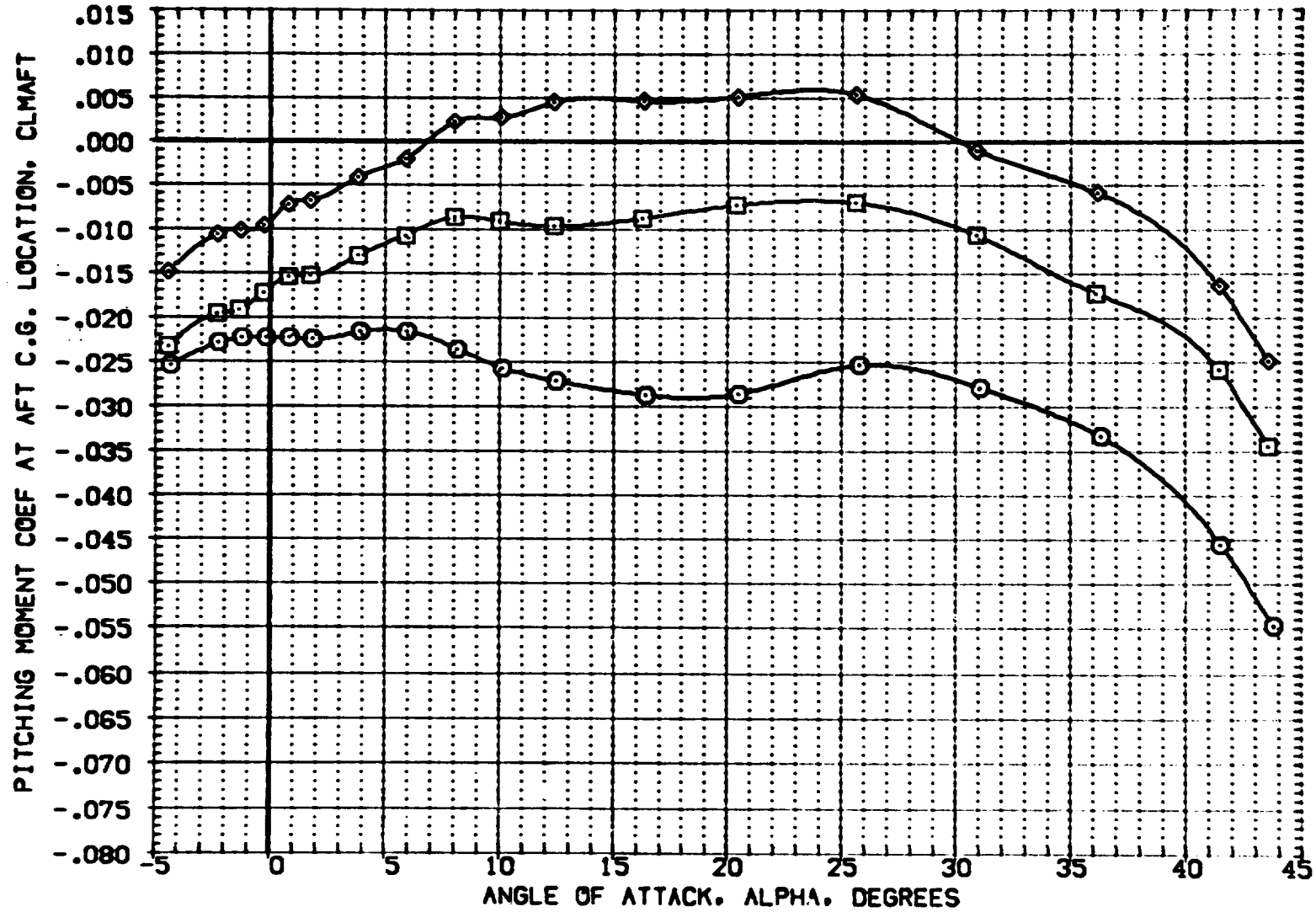


COMPONENT BUILDUP

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPDBRK
(MPNZ02)	○	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(MPNZ19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(MPNZ25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

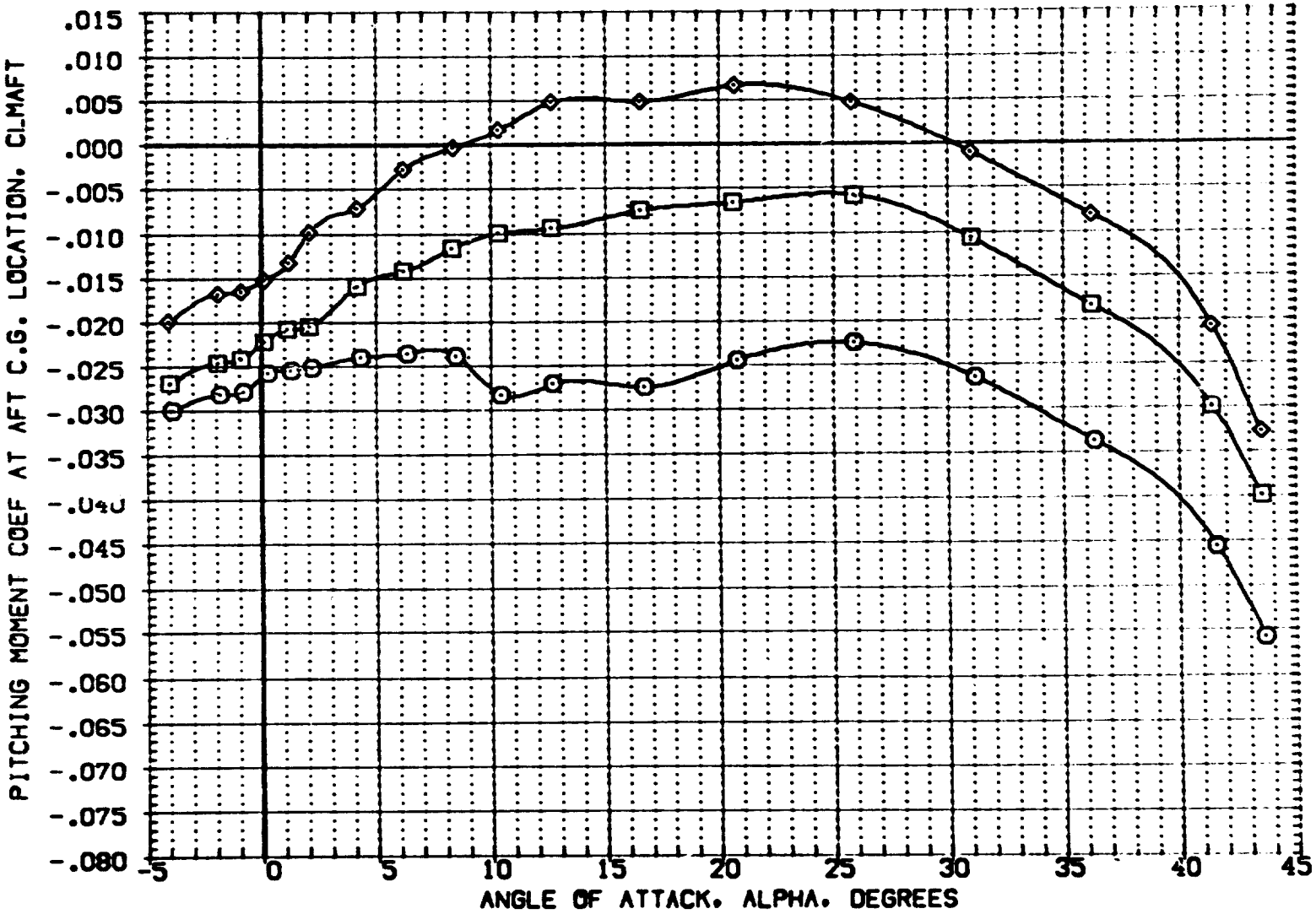


COMPONENT BUILDUP

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK
(MPNZ02) ○	0A44 UPVT 1035 CONF-2A B1GC507M3F4W87E18R5V5X16	.000	.000	-14.250	54.920
(MPNZ19) □	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(MPNZ2J) ◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

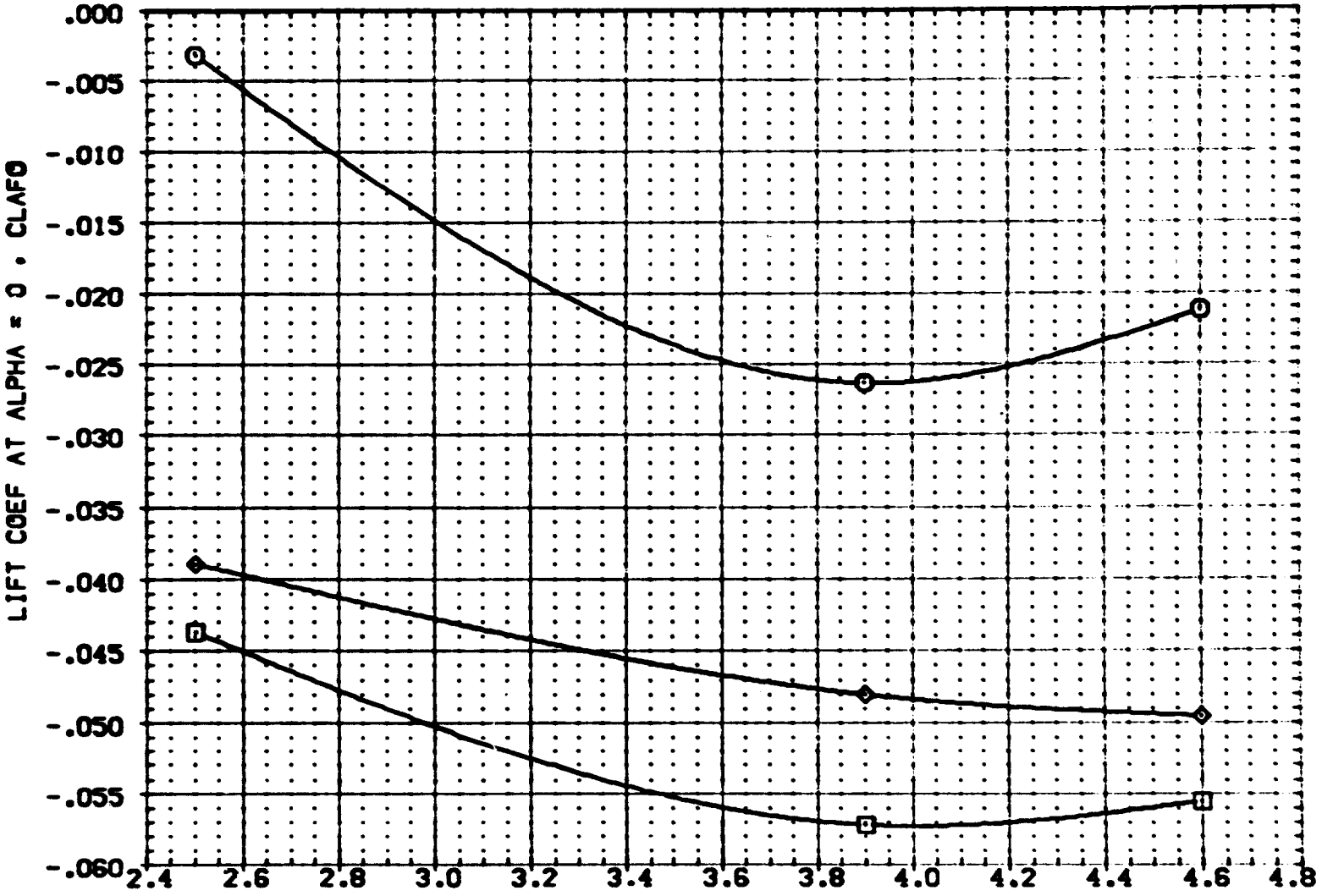


COMPONENT BUILDUP

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPOBRK
(RPNF02)	○	0A44 UPWT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNF19)	□	0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNF25)	◇	0A44 UPWT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

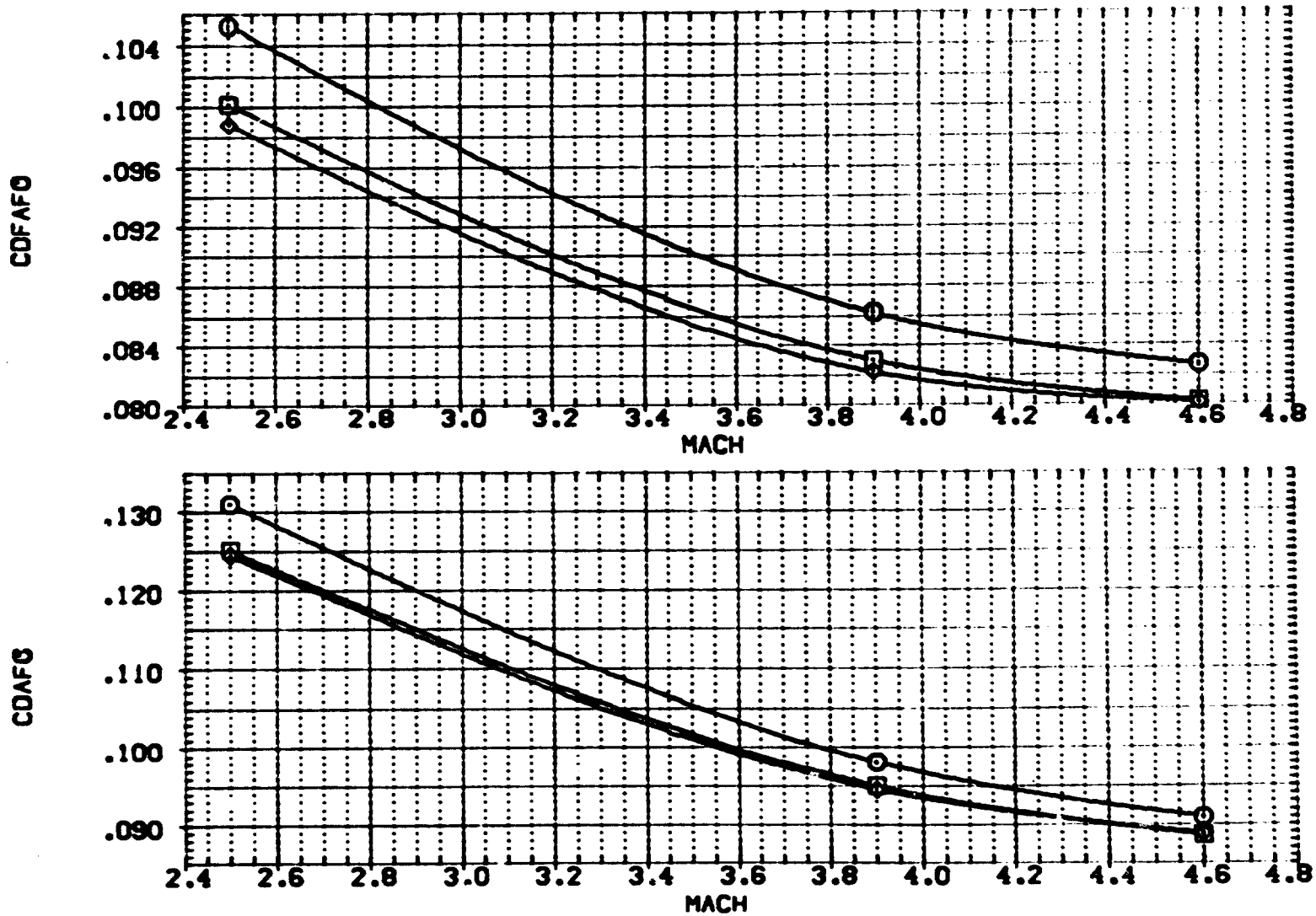
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

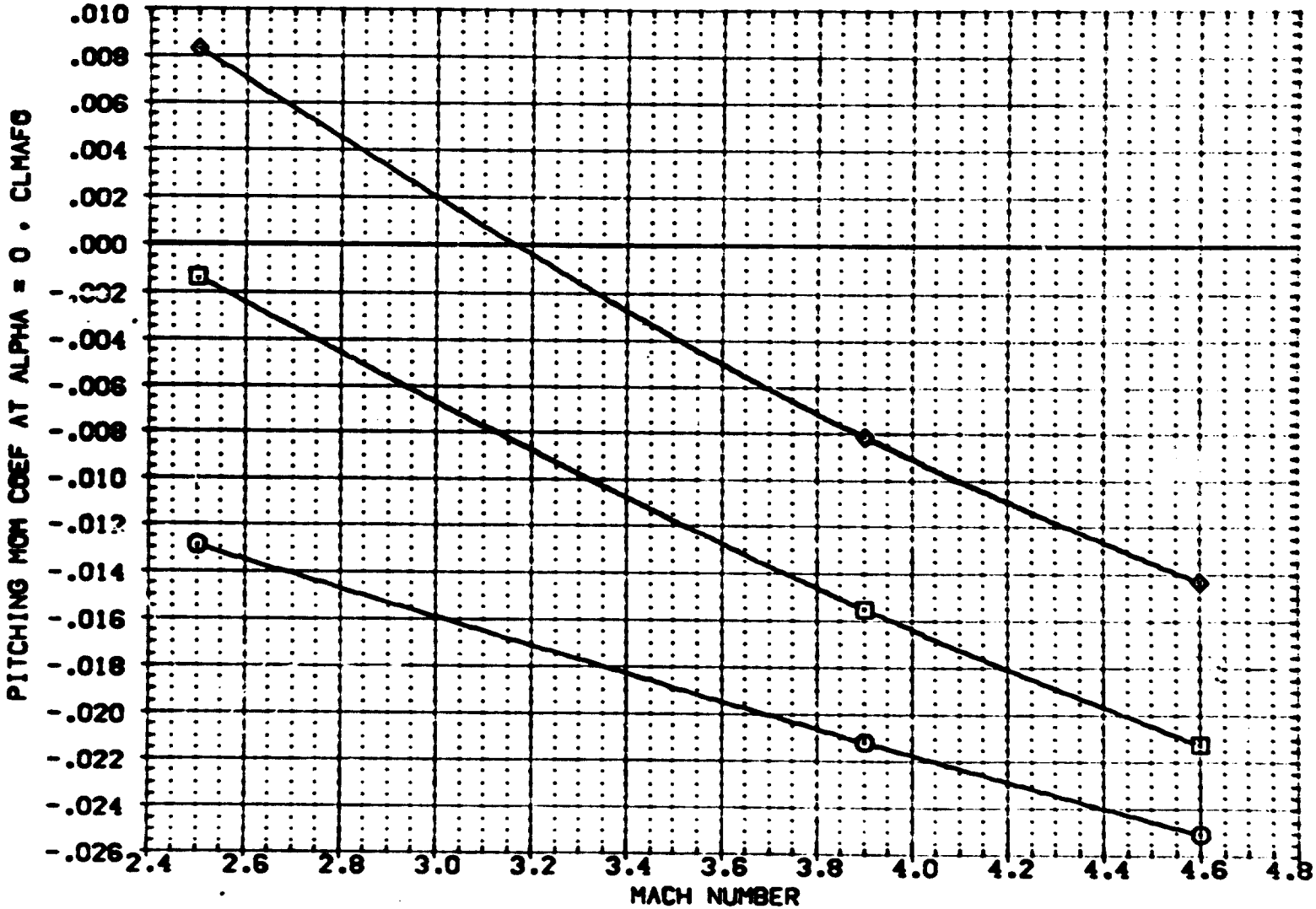
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
(RPNF02)	○	0A44 UPVT 1035 CONF-2A 910C5D7HQF4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNF19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920
(RPNF25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

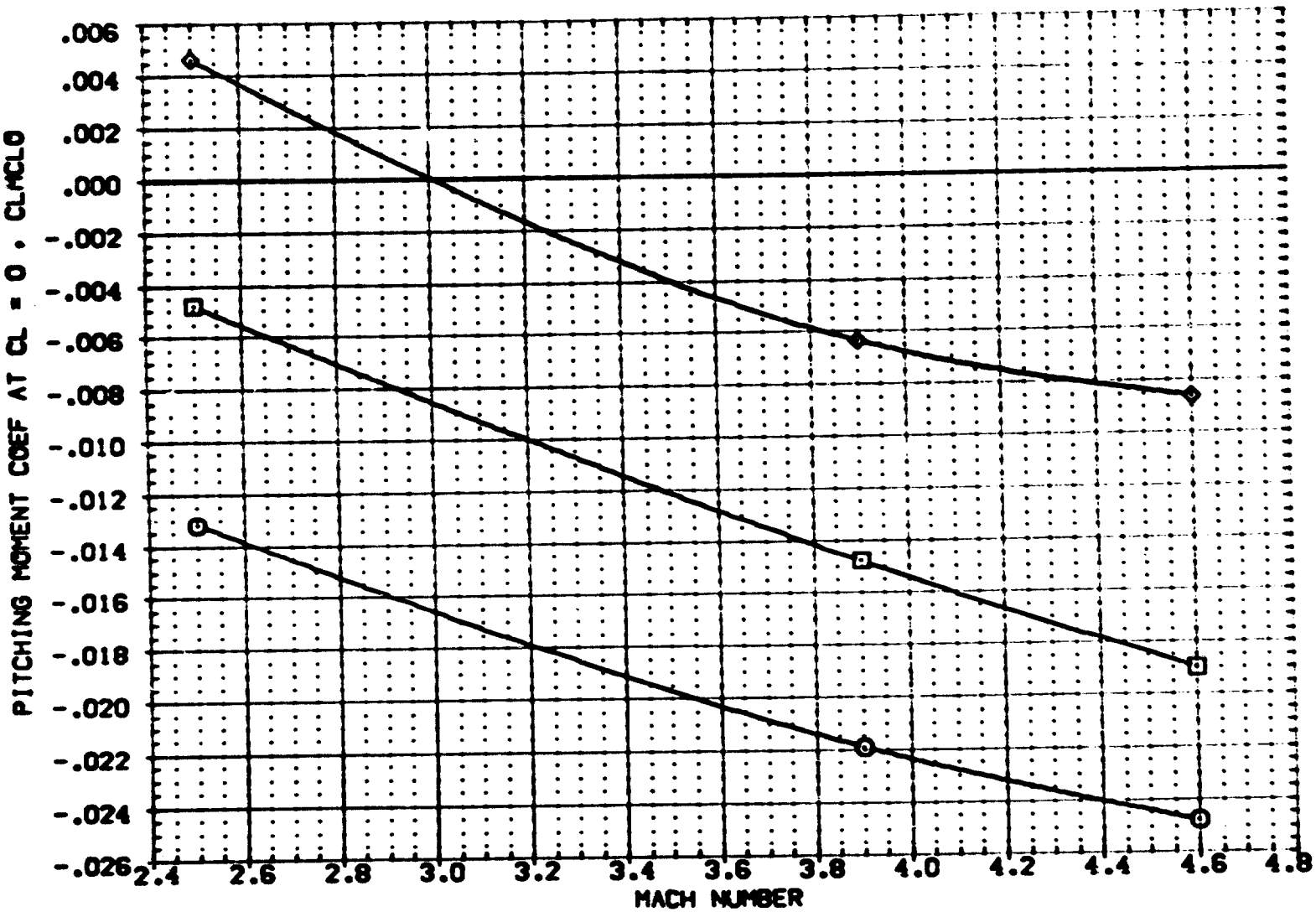
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK	SEE THE ASSOCIATED DATA
(RPNF02)	○	0A44 UPVT 1035 CONF-2A B10C5D7H3F4V87E18R5V5X16	.000	.000	-14.250	54.920	DOCUMENT FOR REFERENCE
(RPNF19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.00	-14.250	54.920	CHARACTERISTICS FOR
(RPNF23)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920	INDIVIDUAL DATASETS



COMPONENT BUILDUP

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPDBRK
(RPNS02)	○	0A44 UPVT 1035 CONF-2A B10C3D7/0F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNS19)	□	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	.000	-14.250	54.920
(RPNS25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F3H4R5V7V107X16	.000	.000	-14.250	54.920

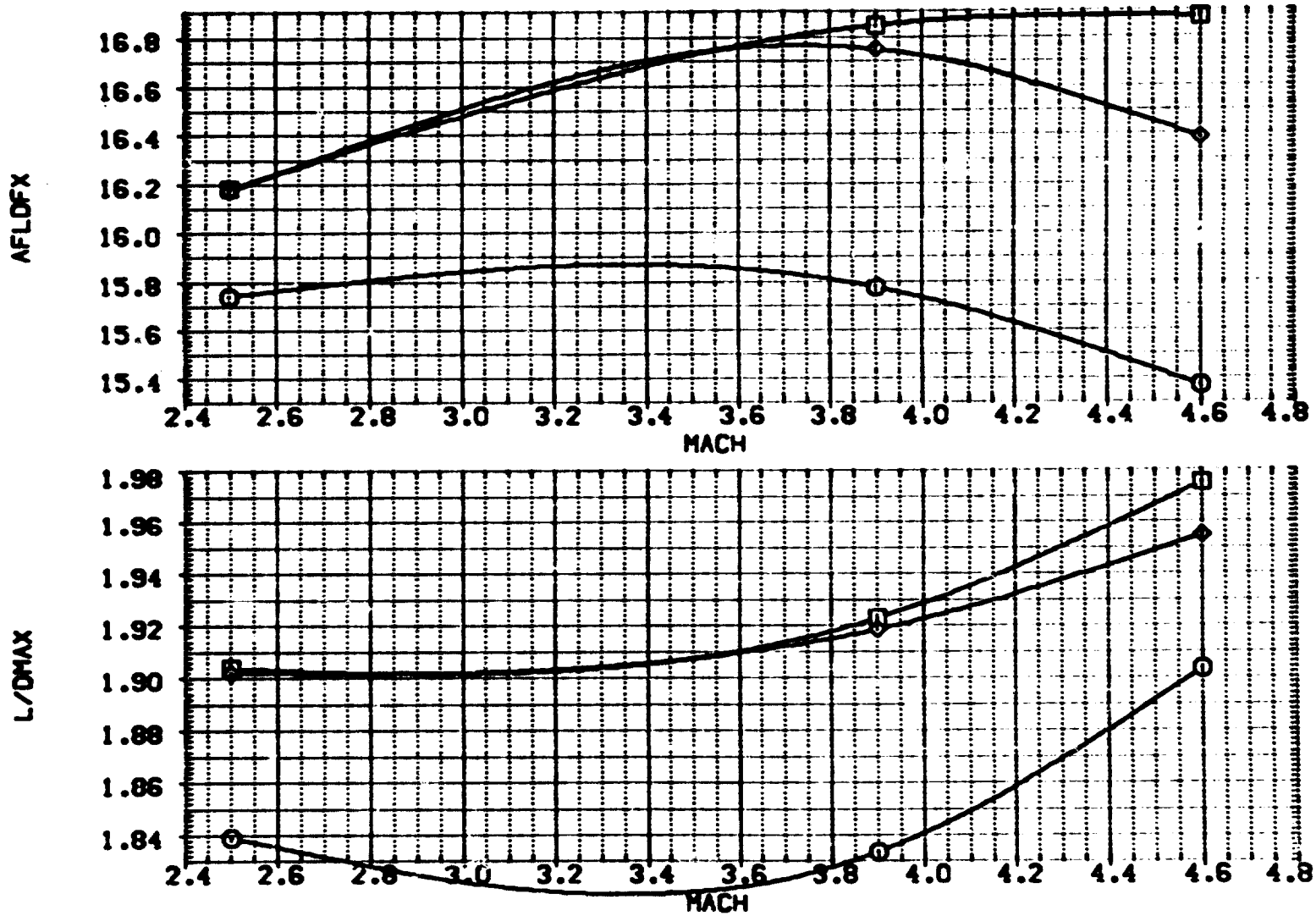
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BDFLAP	SPOBRK
(RFNTG2)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RFNT19)	○	0A44 UPVT 1035 CONF4 B15C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920
(RFNT25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERIS S FOR INDIVIDUAL DATASETS

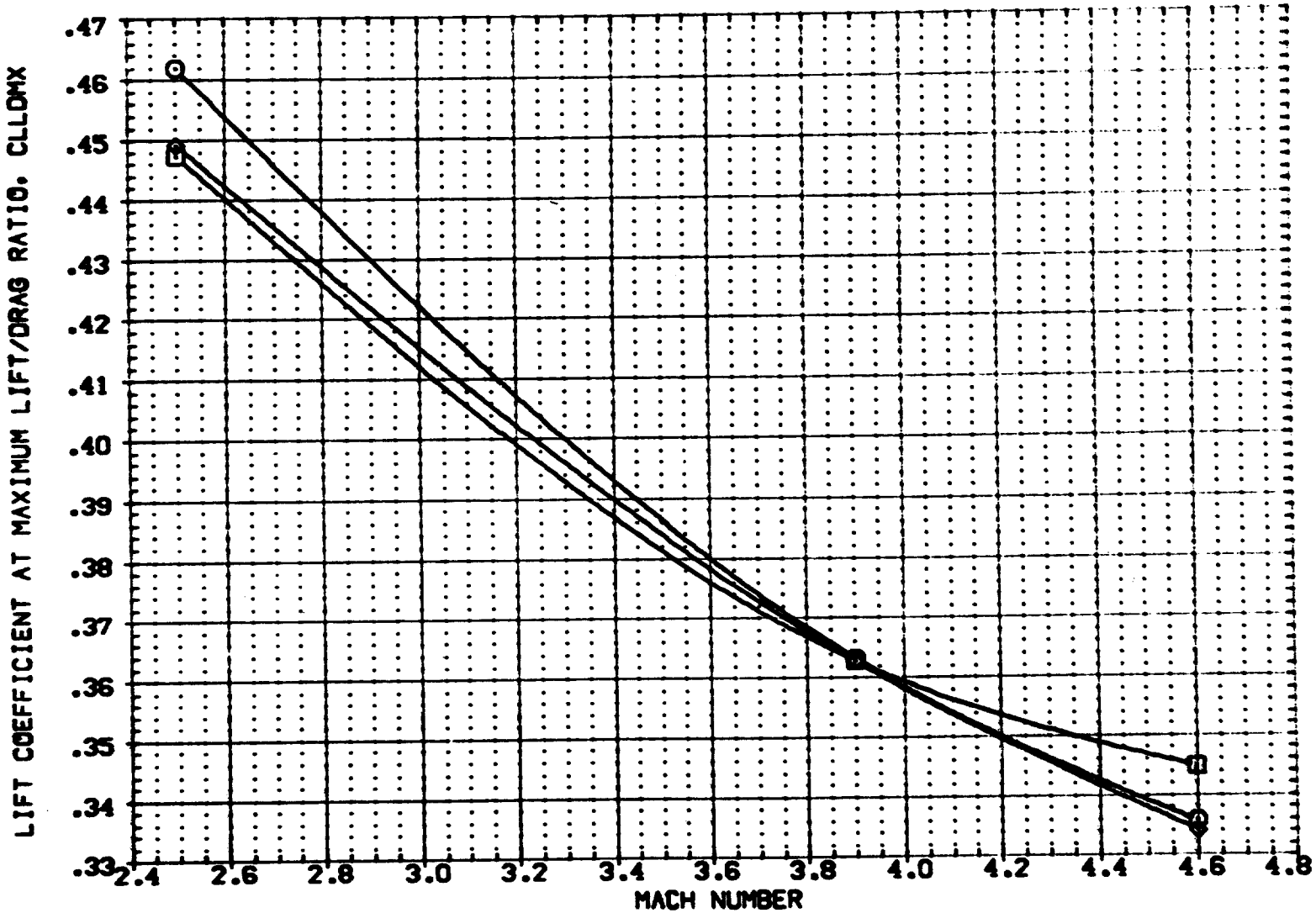


COMPONENT BUILDUP

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	RUDDER	BOFLAP	SPDBRK
(RPNT02)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNT19)	□	0A44 UPVT 1035 CONF4 B19C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920
(RPNT25)	◇	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	.000	.000	-14.250	54.920

SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS

C-2



COMPONENT BUILDUP

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNU02)

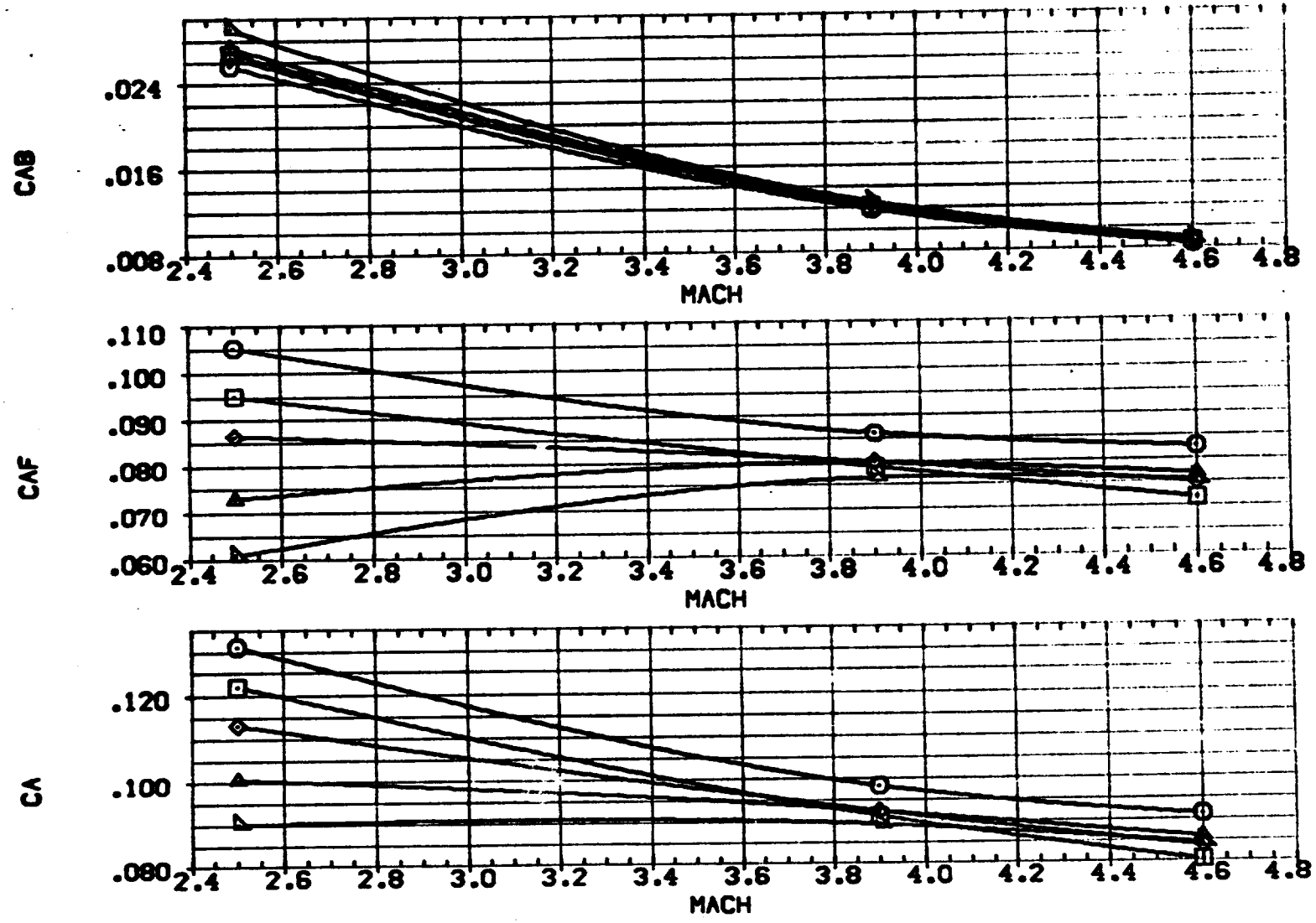
SYMBOL	ALPHA
○	.000
□	10.000
◇	20.000
△	30.000
◁	40.000

PARAMETRIC VALUES

BETA	.000	ELEVTR	.000		
AILRON	.000	RUDDER	.000		
BDFLAP	-14.250	SPDBRK	54.920		

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNU02)

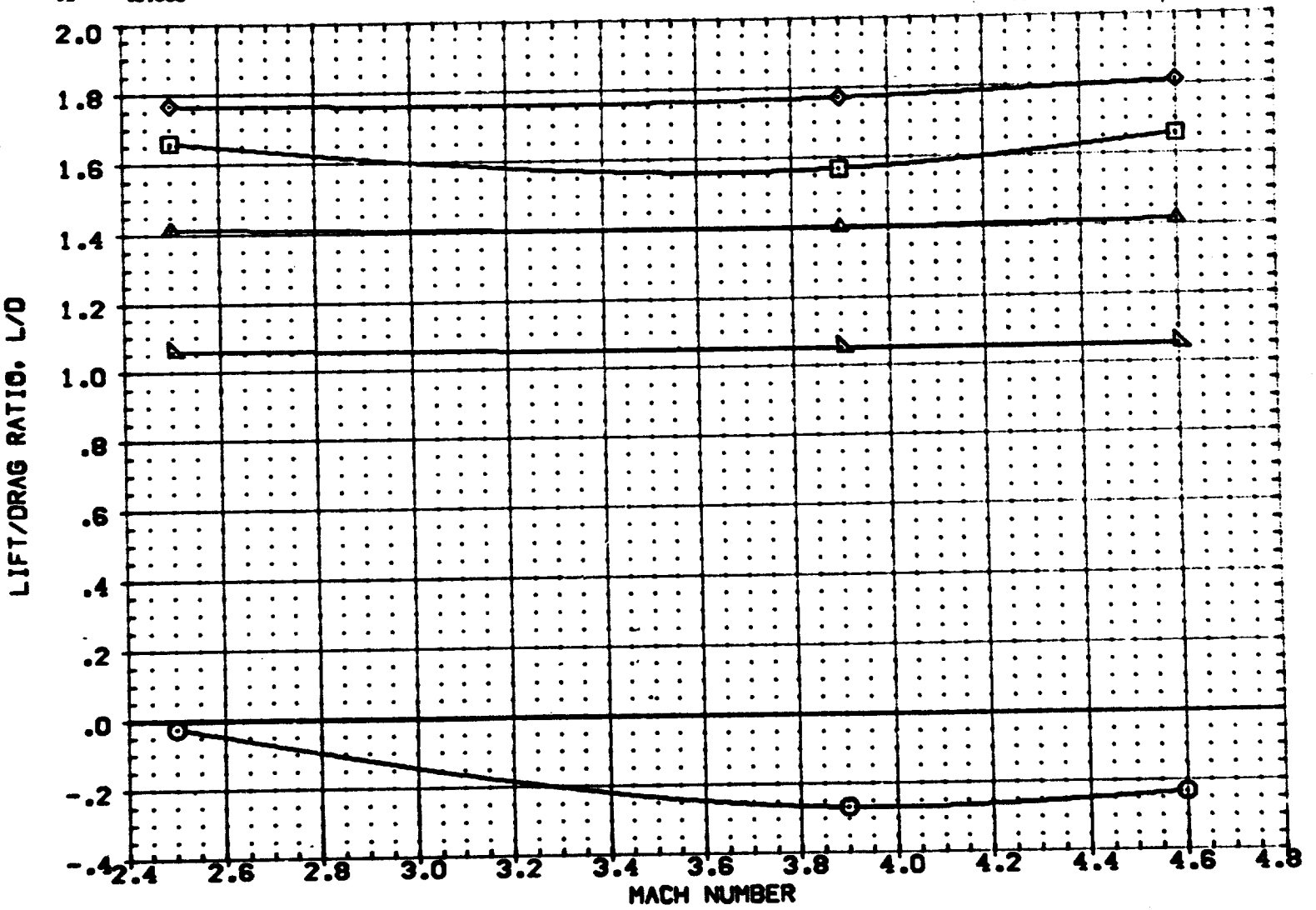
SYMBOL	ALPHA
○	.000
□	10.000
◇	20.000
△	30.000
▷	40.000

PARAMETRIC VALUES

BETA	.000	ELEVTR	.000		
AILRON	.000	RUDDER	.000		
BOFLAP	-14.250	SPDBRK	54.920		

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

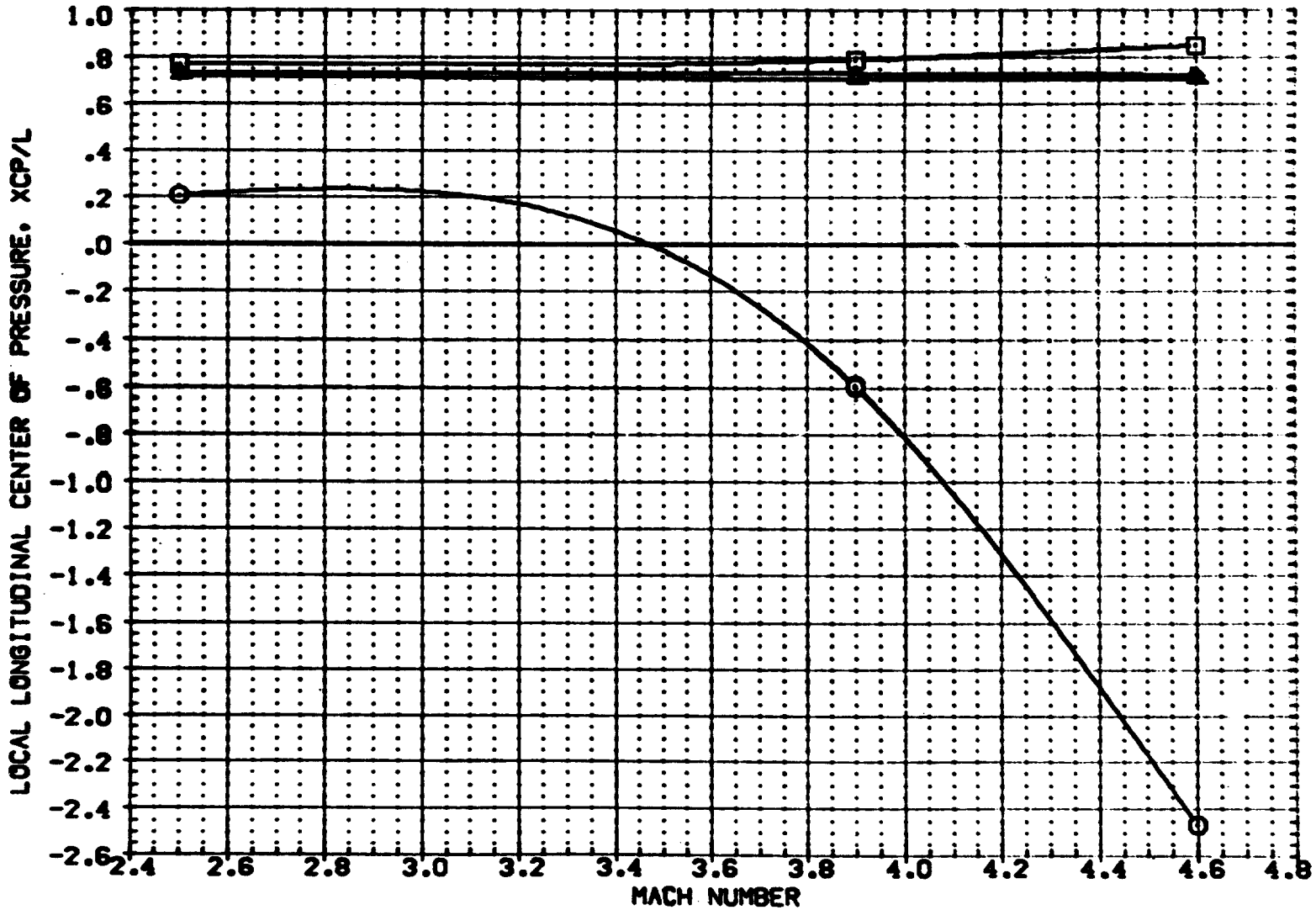


TOTAL VEHICLE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNU02)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPDBRK	54.920
△	30.000				
▽	40.000				

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (VPNZ02)

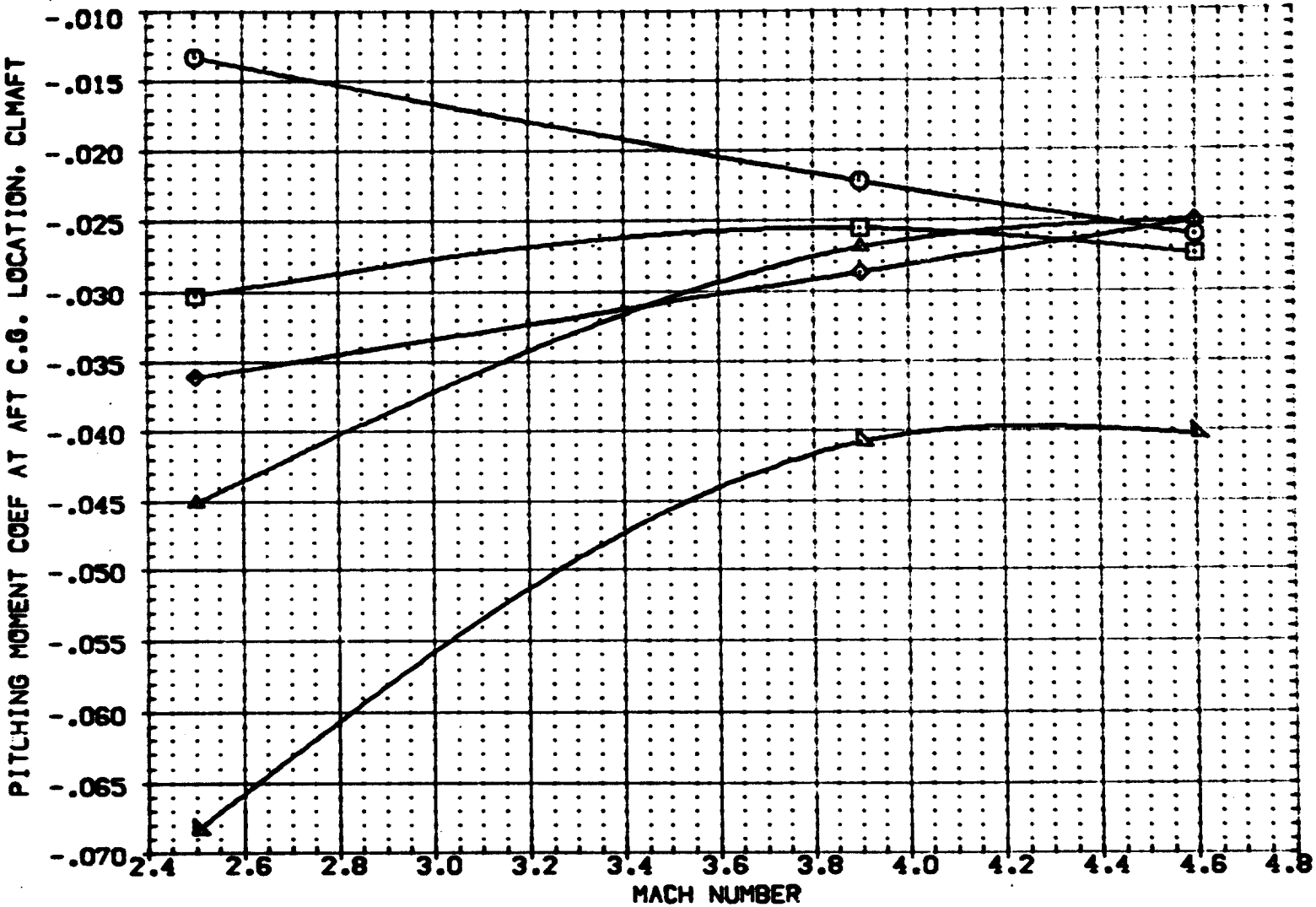
SYMBOL	ALPHA
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□	10.000
◇	20.000
△	30.000
▽	40.000

PARAMETRIC VALUES

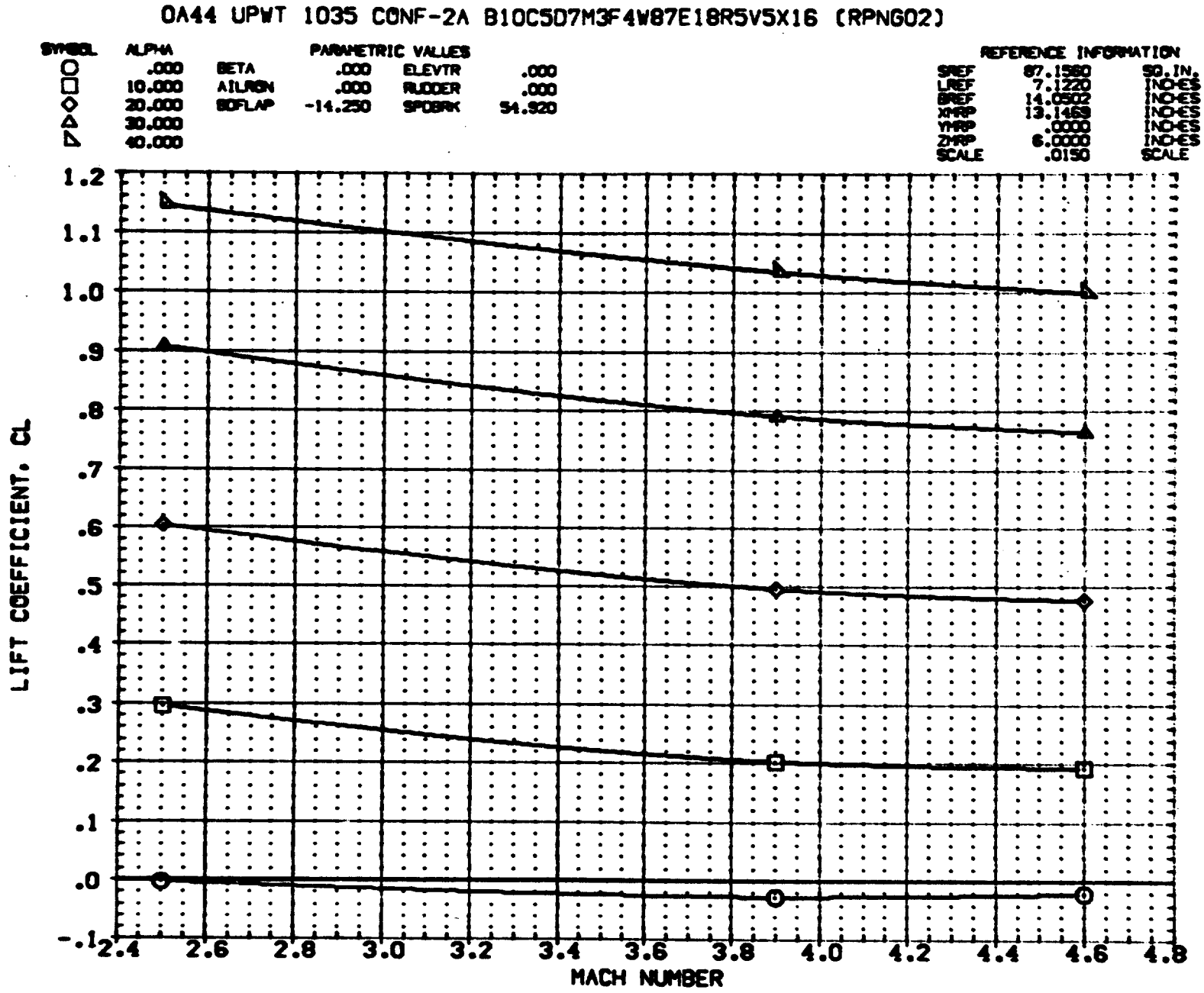
BETA	.000	ELEVTR	.000		
AILRON	.000	RUDDER	.000		
BOFLAP	-14.250	SPDBRK	54.920		

REFERENCE INFORMATION

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BREF	14.0502	INCHES
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YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -898 CONFIG



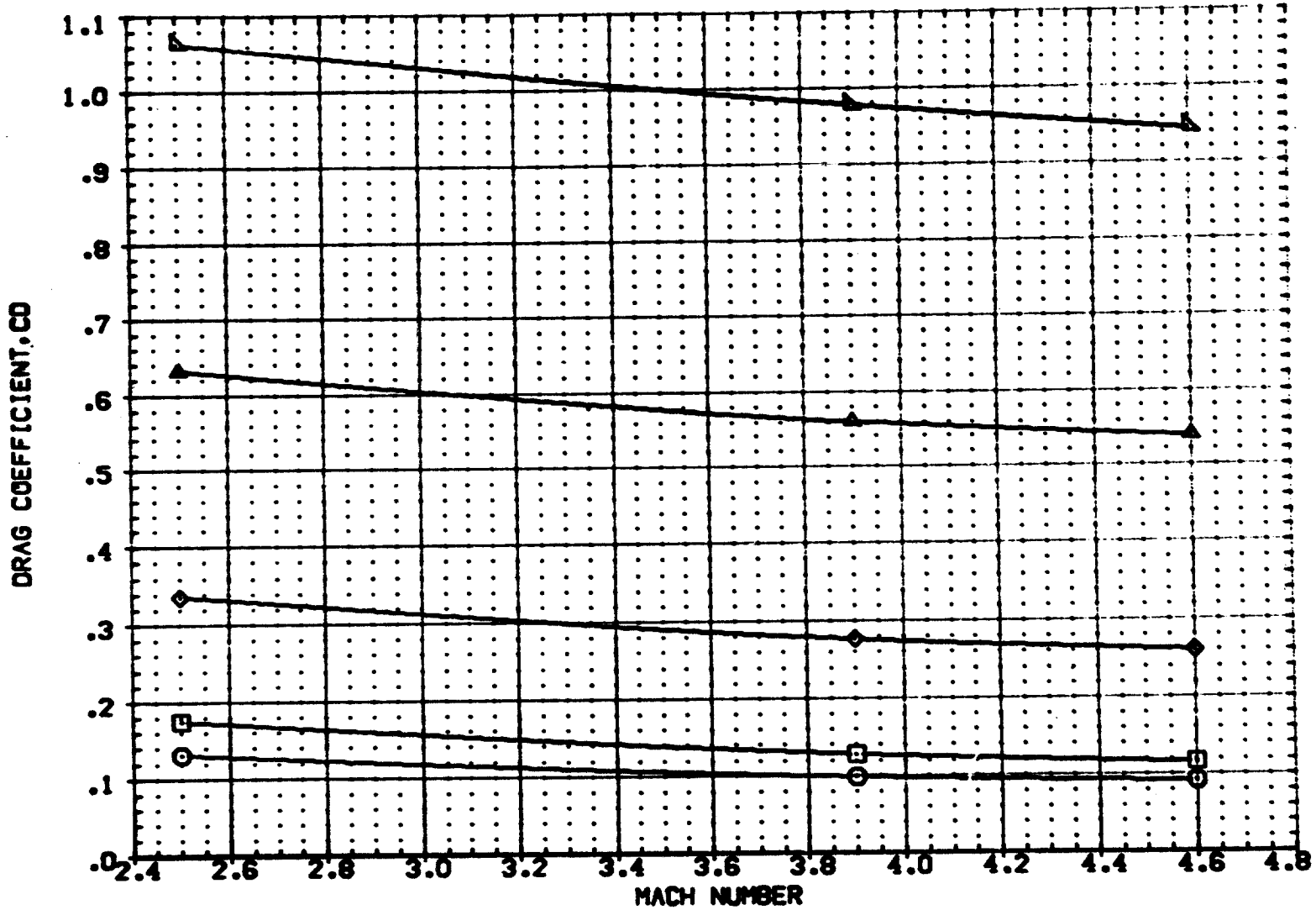
TOTAL VEHICLE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNG02)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPDBRK	54.920
△	30.000				
▷	40.000				

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



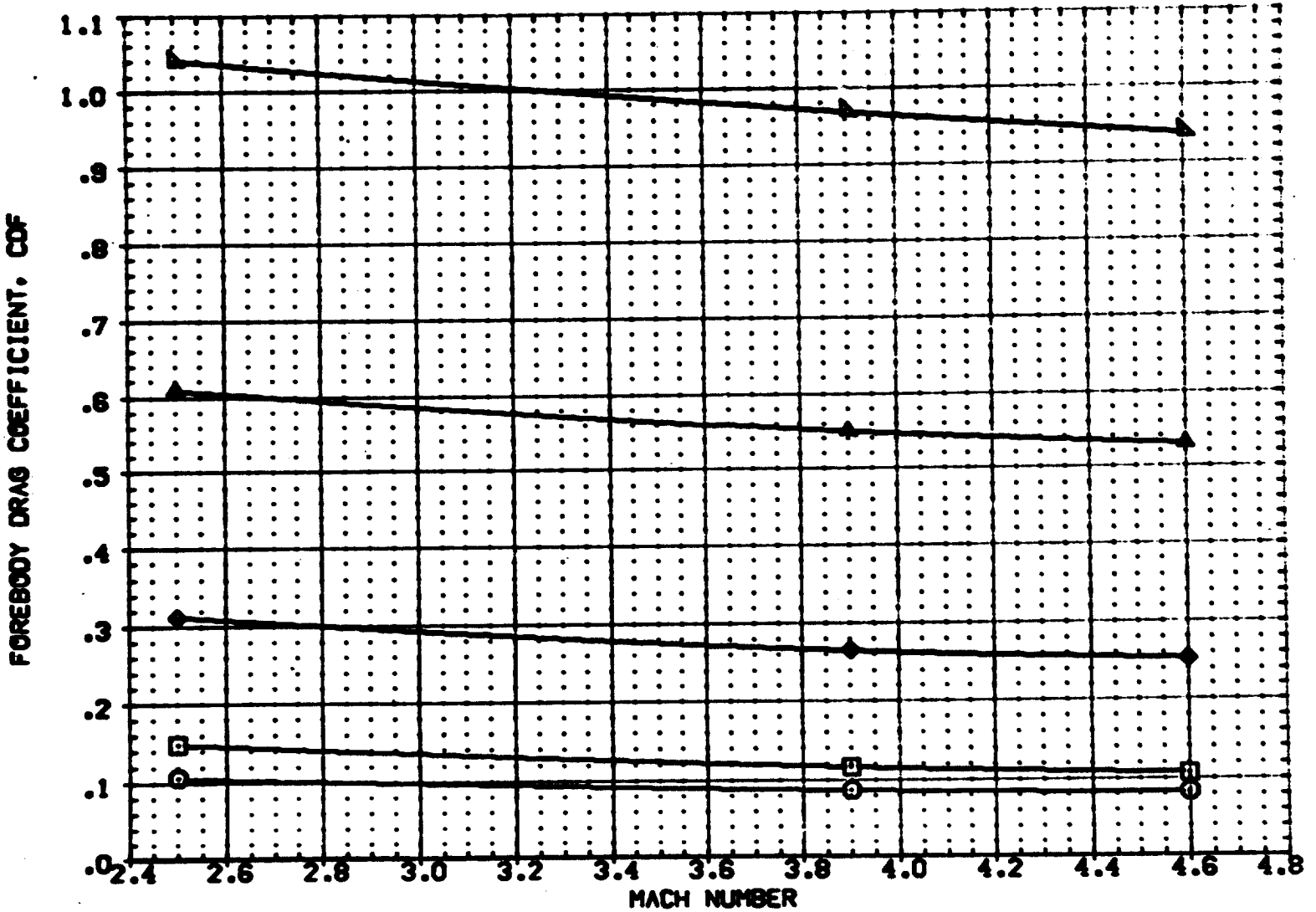
TOTAL VEHICLE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16 (RPNG02)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPDBRK	54.920
△	30.000				
▽	40.000				

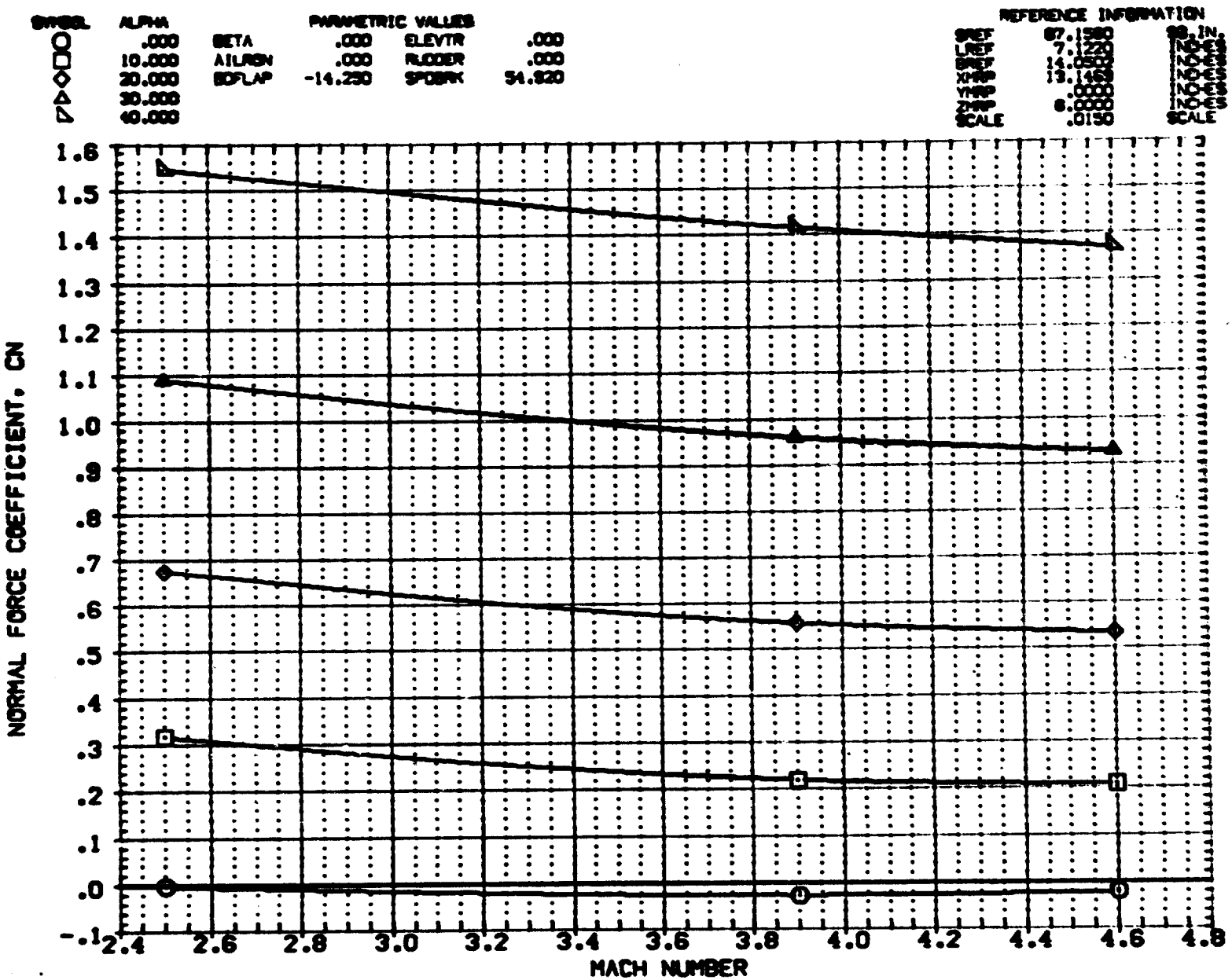
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LREF	7.1220	INCHES
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XMRP	13.1460	INCHES
YMRP	.0000	INCHES
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SCALE	.0150	SCALE

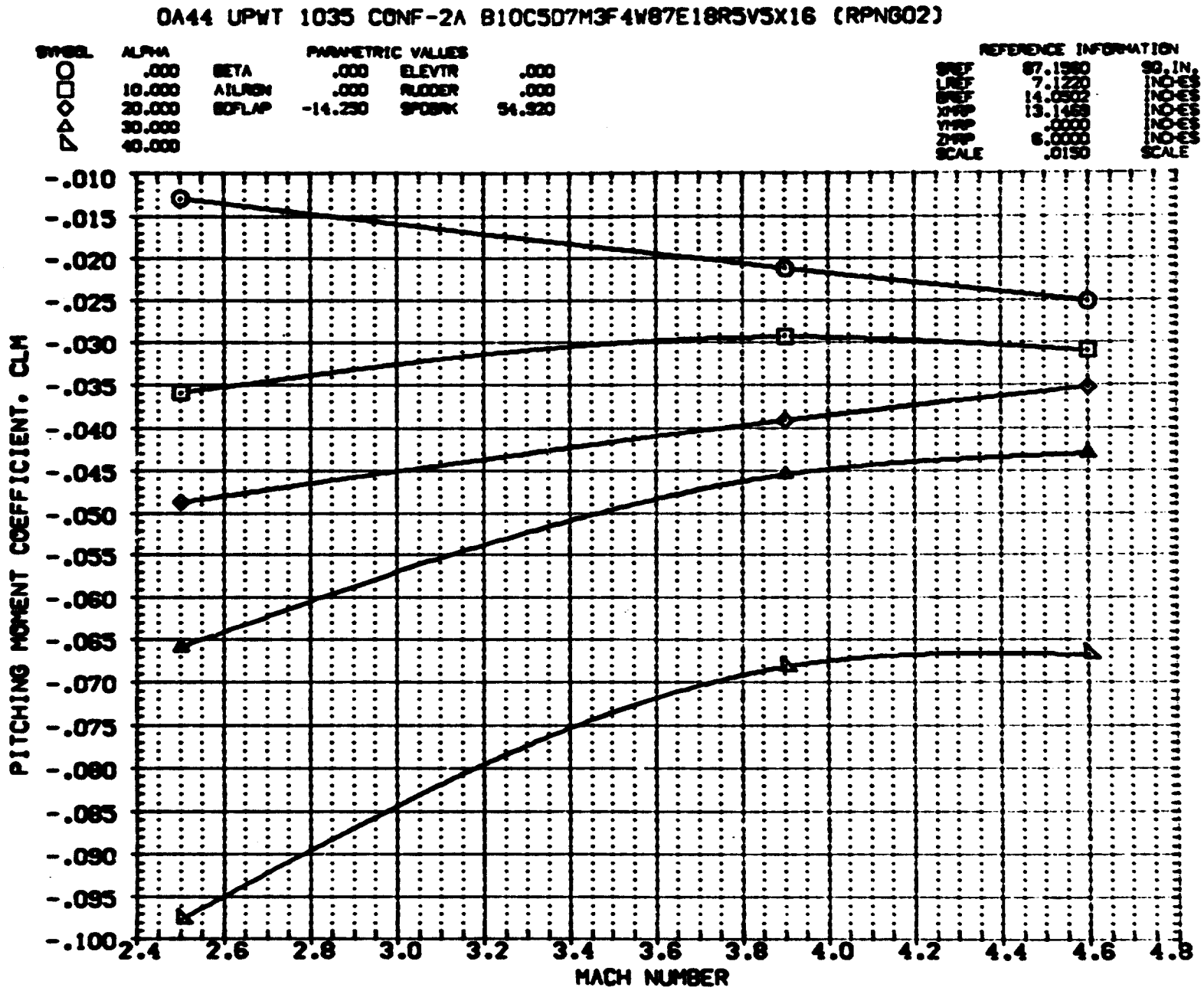


TOTAL VEHICLE -898 CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNG02)



TOTAL VEHICLE -89B CONFIG



TOTAL VEHICLE -89B CONFIG

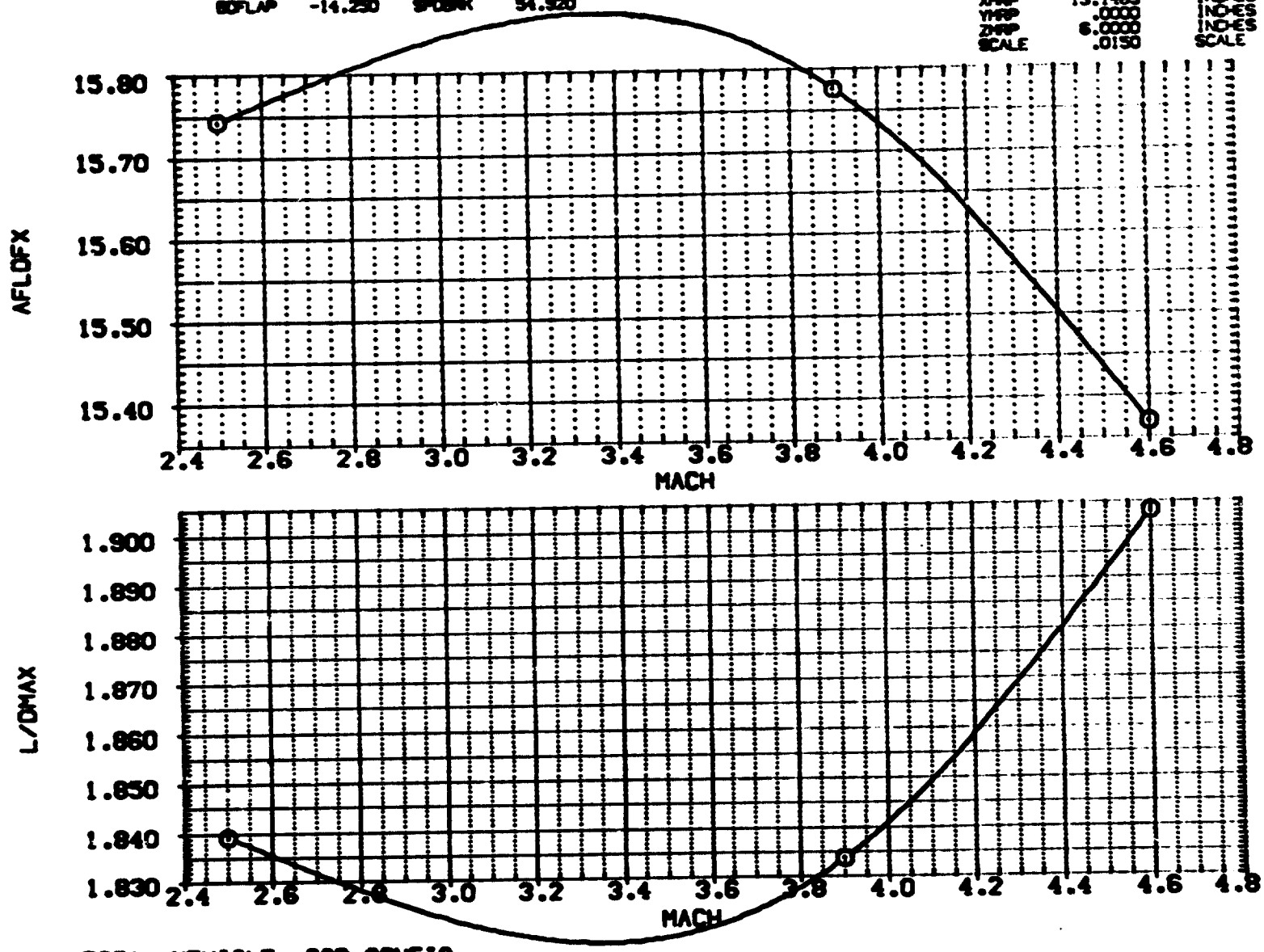
OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNT02)

PARAMETRIC VALUES

BETA	.000	ELEVTR	.000
AILRON	.000	RUDDER	.000
BDFLAP	-14.250	SPOBRK	54.920

REFERENCE INFORMATION

SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -898 CONFIG

DA44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 (RPNU19)

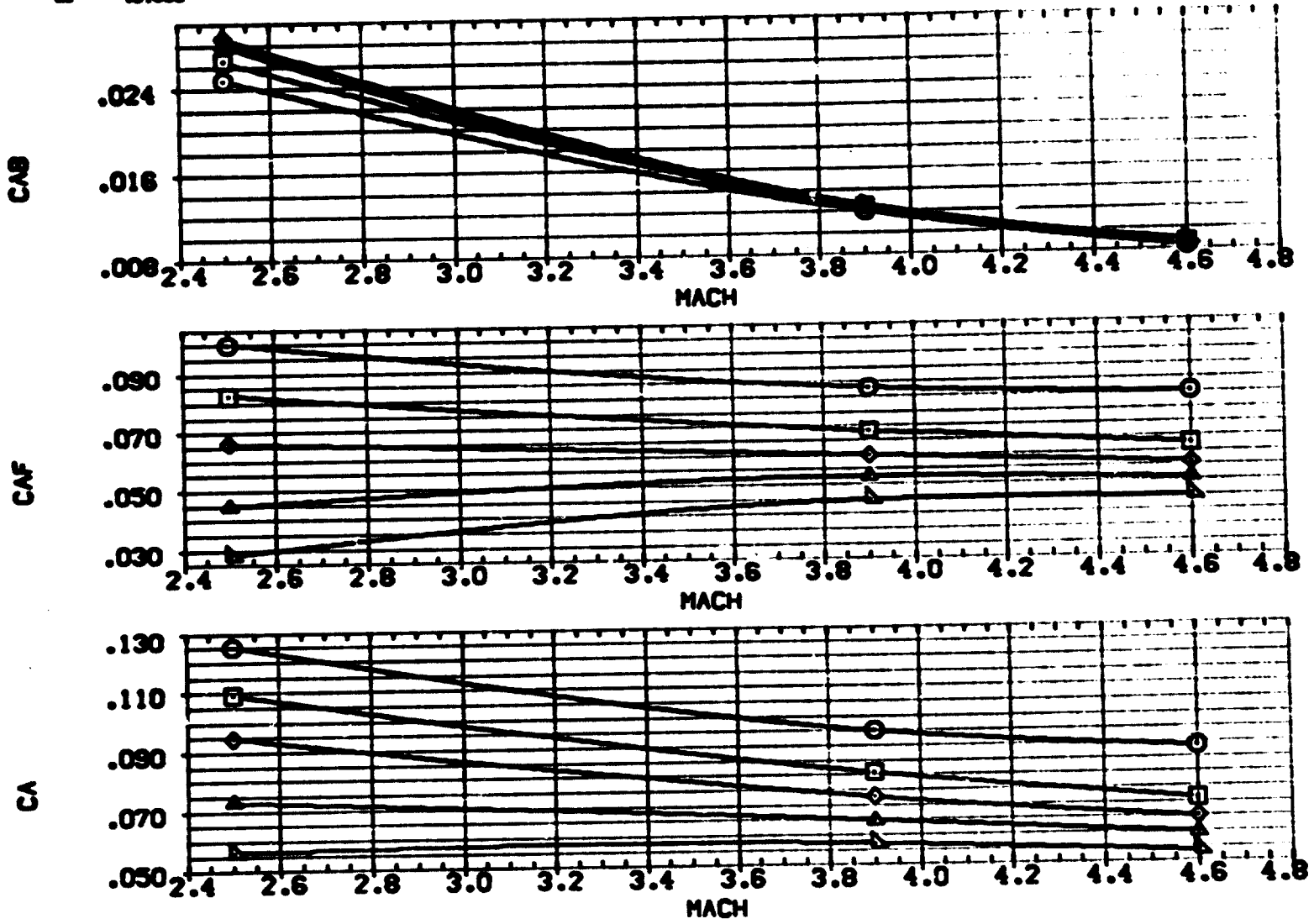
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□	10.000
◇	20.000
△	30.000
▽	40.000

PARAMETRIC VALUES

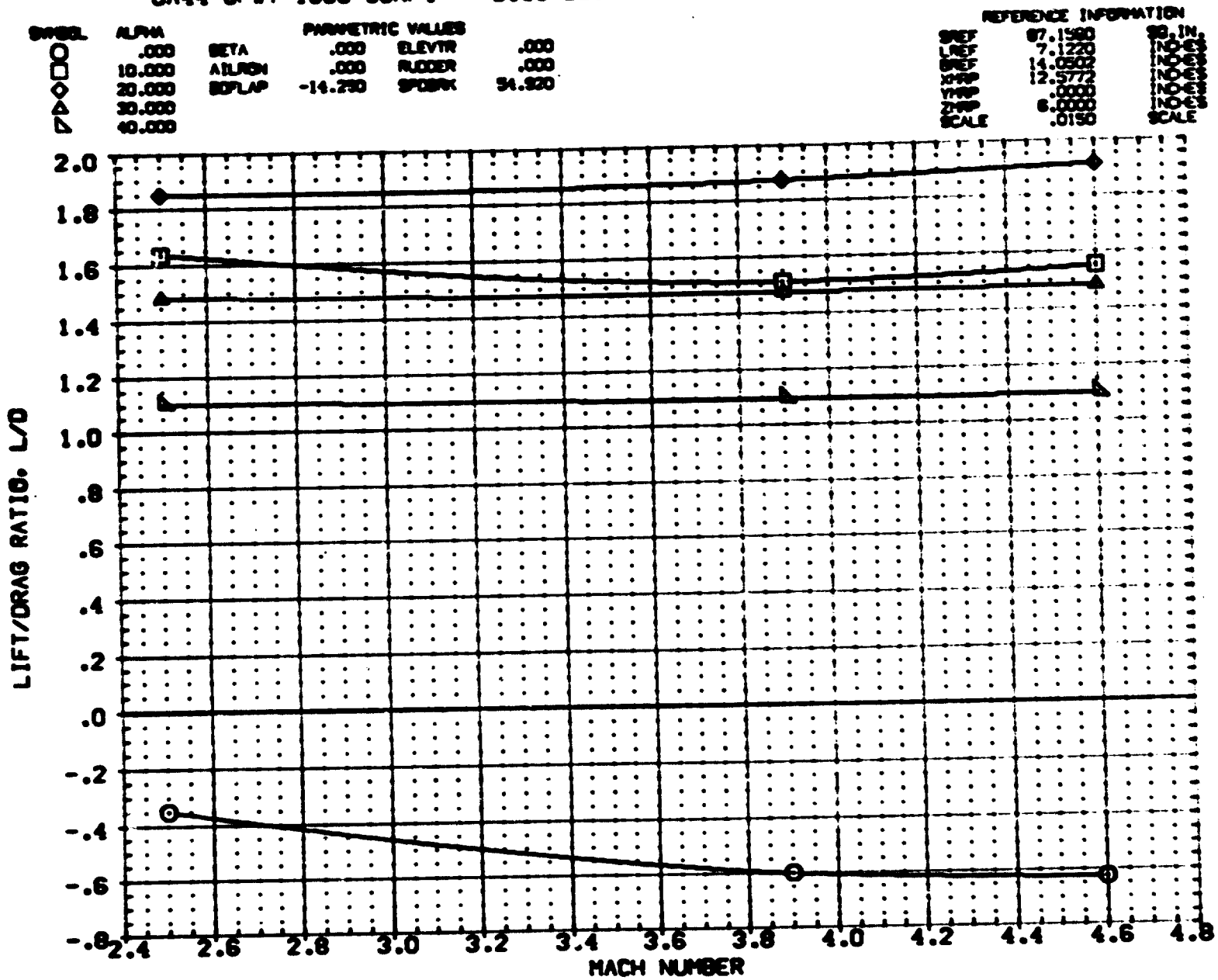
BETA	.000	ELEVTR	.000		
AILRON	.000	RUDDER	.000		
BDFLAP	-14.250	SPDBRK	54.920		

REFERENCE INFORMATION

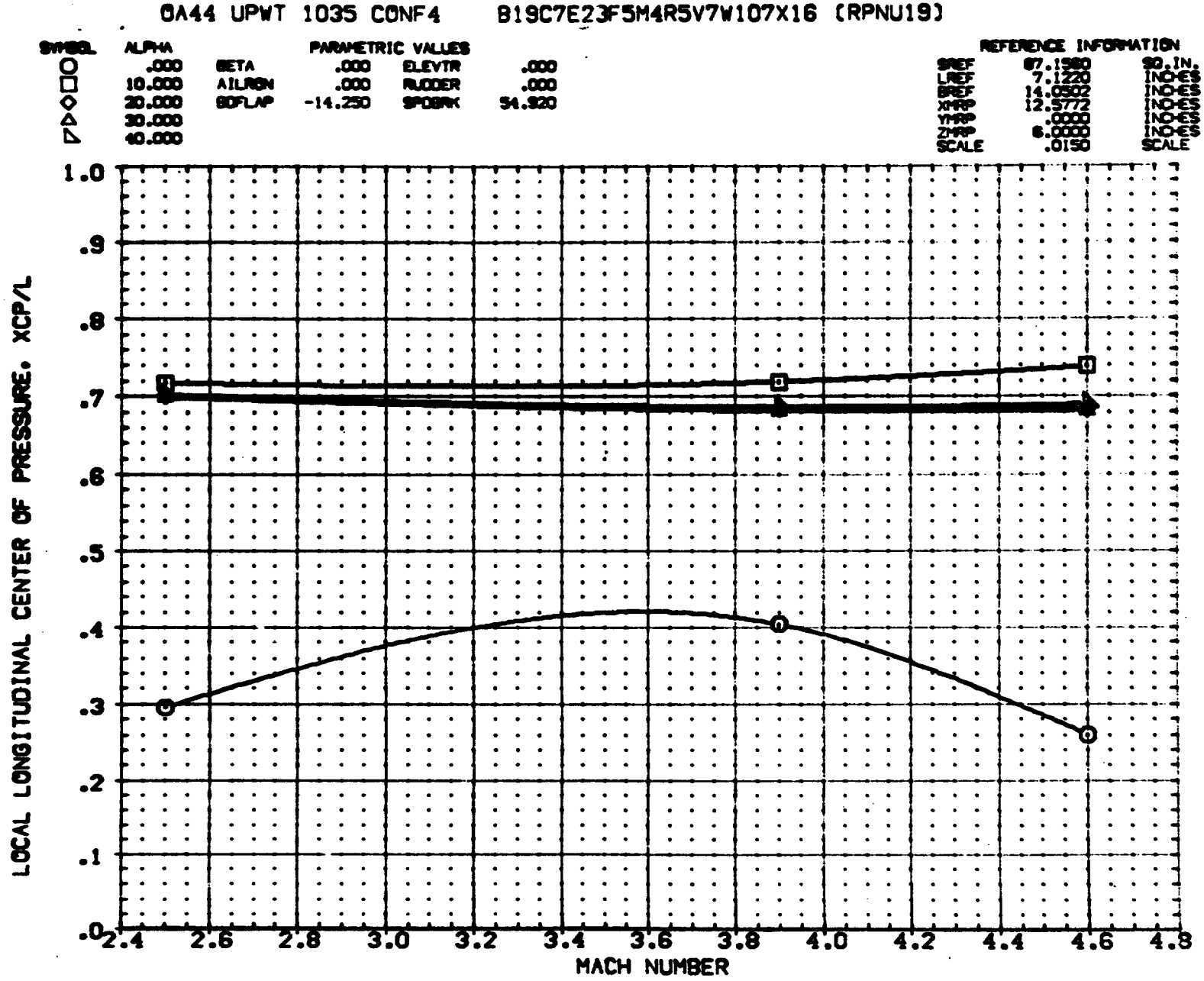
SREF	87.1980	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -139B CONFIG



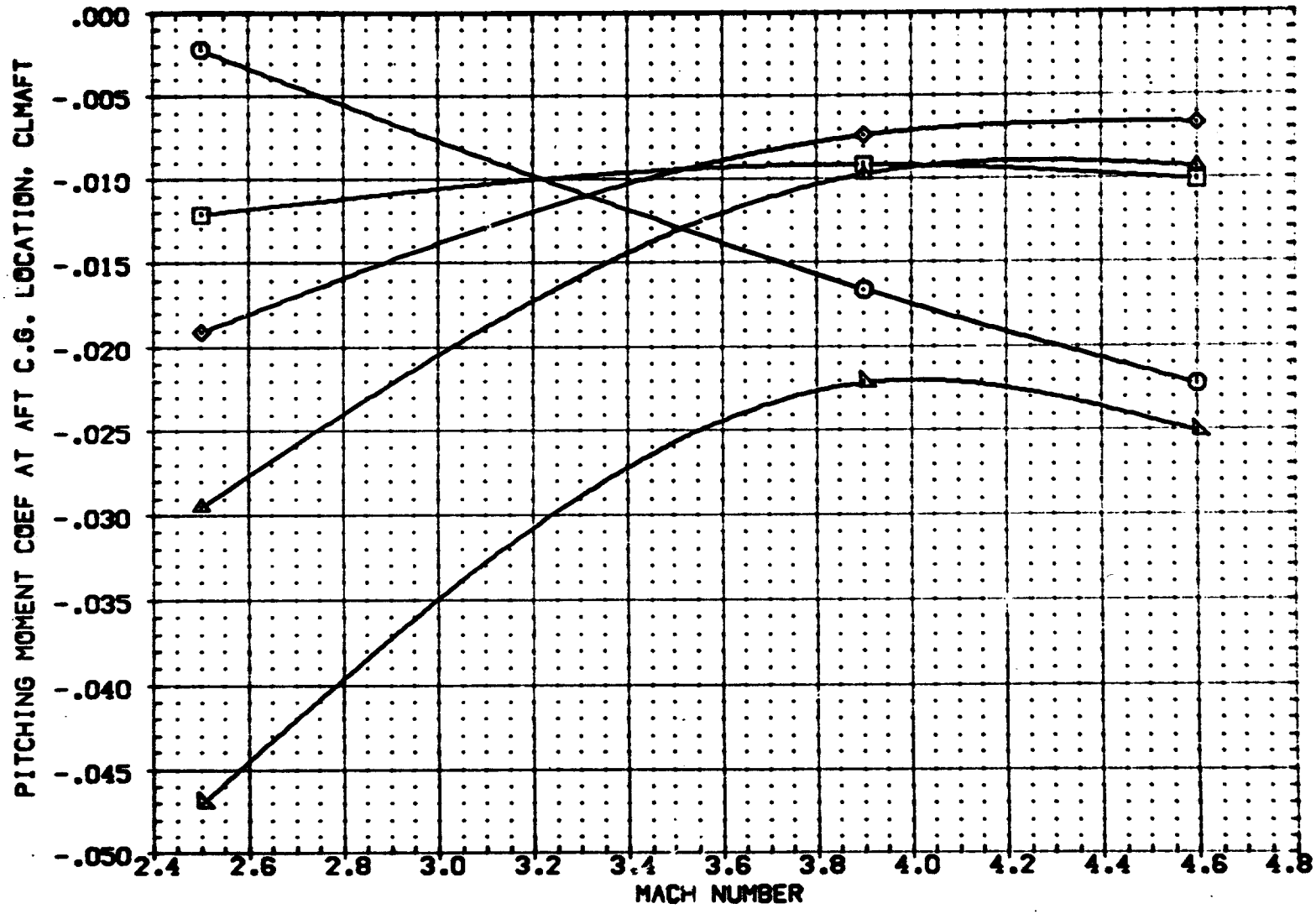
TOTAL VEHICLE -1398 CONFIG



TOTAL VEHICLE -139B CONFIG

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPDBRK	54.920
△	30.000				
▽	40.000				

REFERENCE INFORMATION		
SREF	87.5800	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
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YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



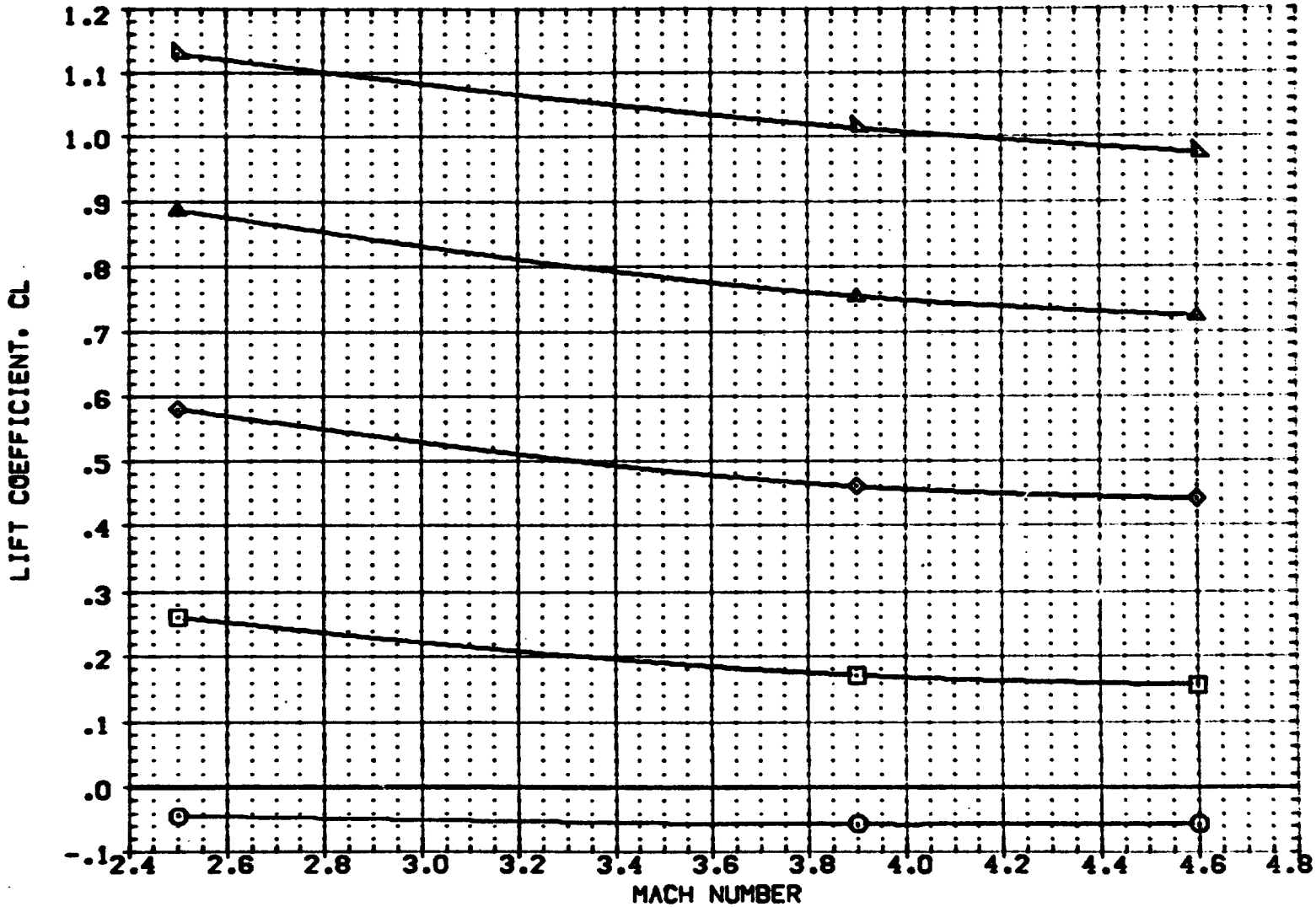
TOTAL VEHICLE -139B CONFIG

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 (RPNG19)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPOBRK	54.920
△	30.000				
◁	40.000				

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
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YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

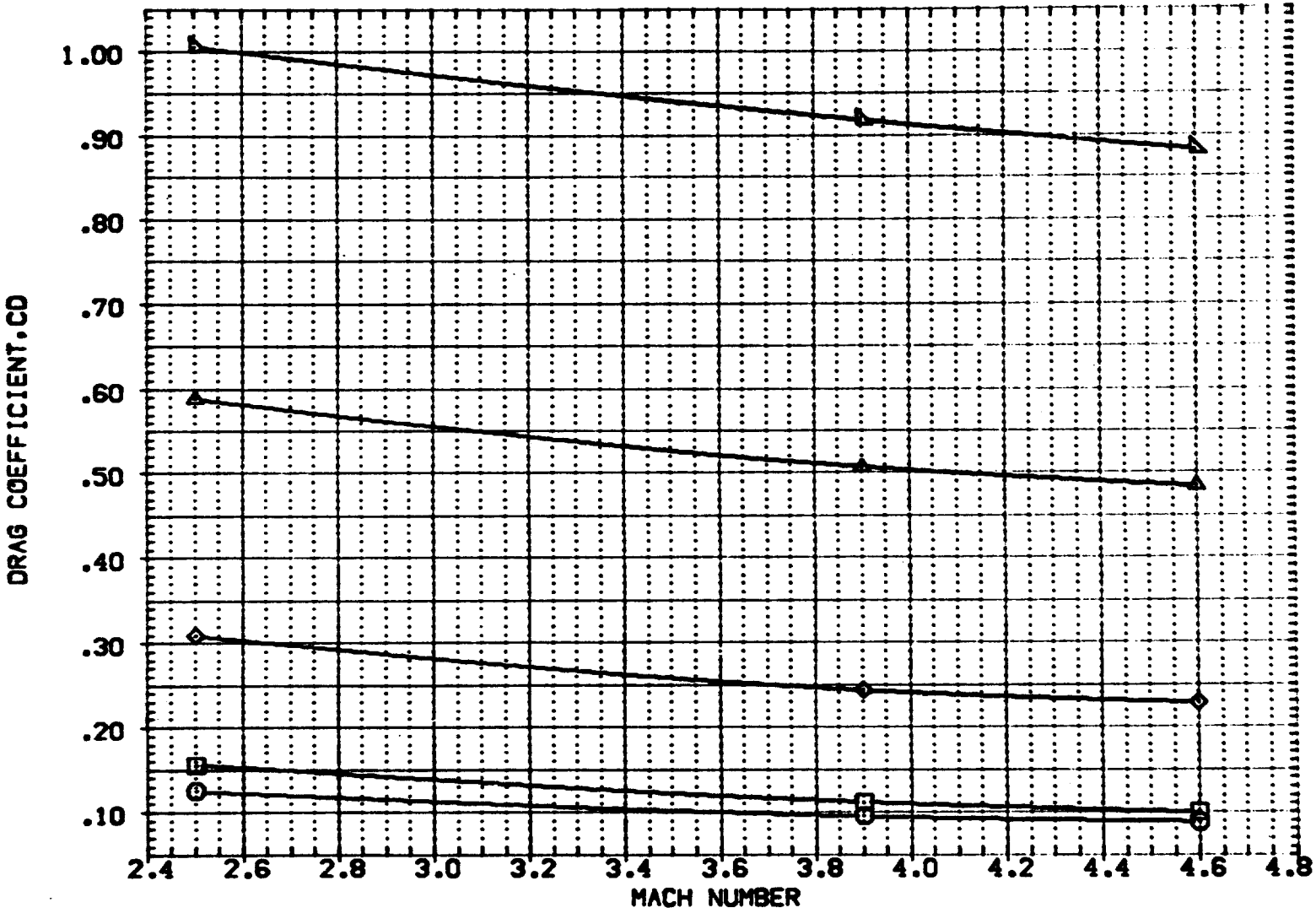


TOTAL VEHICLE -139B CONFIG

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPOBRK	54.920
△	30.000				
▱	40.000				

REFERENCE INFORMATION

SREF	87.1980	SQ. IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



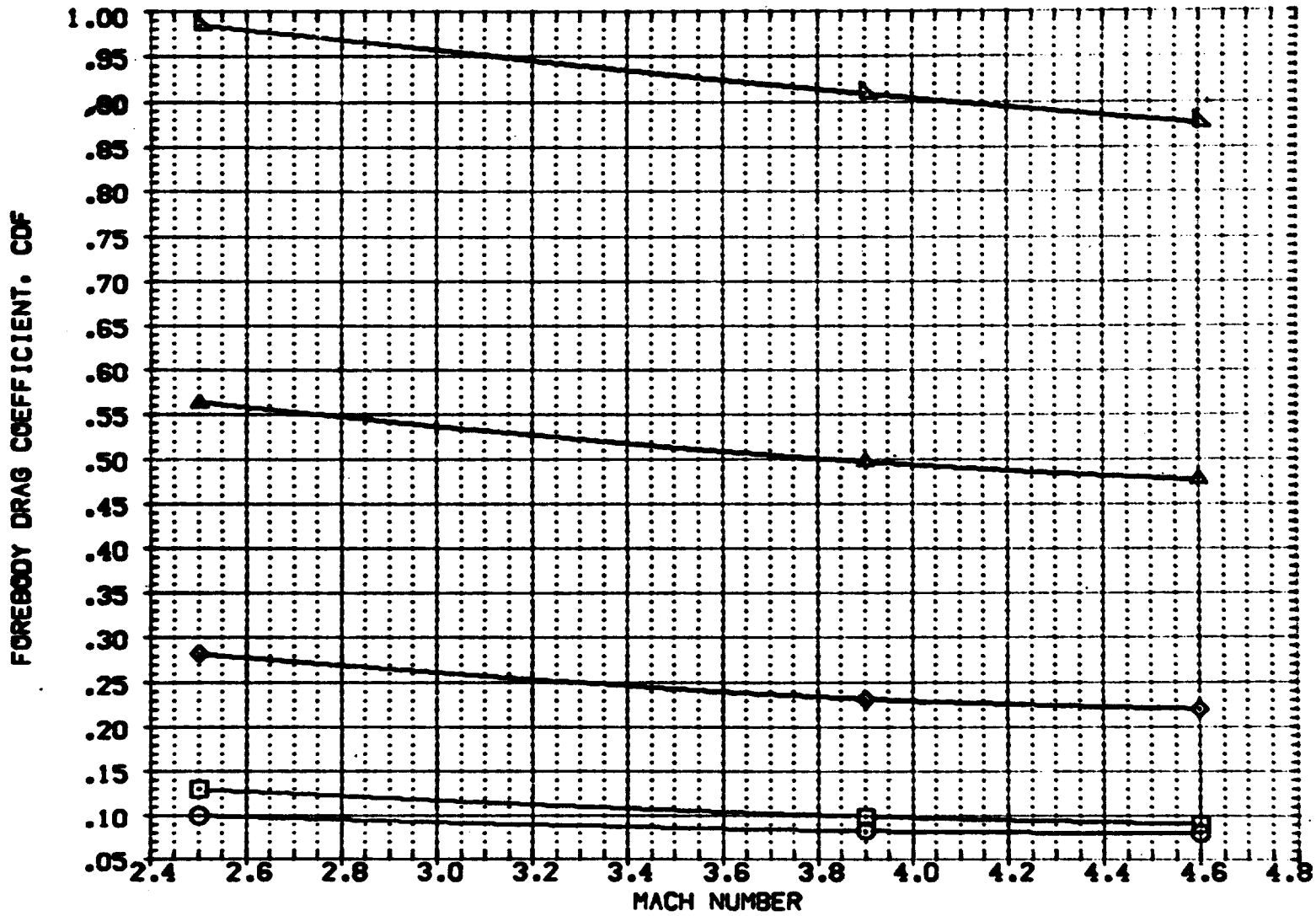
TOTAL VEHICLE -139B CONFIG

0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 (RPNG19)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BOFLAP	-14.250	SPOBRK	54.920
△	30.000				
▽	40.000				

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -139B CONFIG

0A44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 (RPNG19)

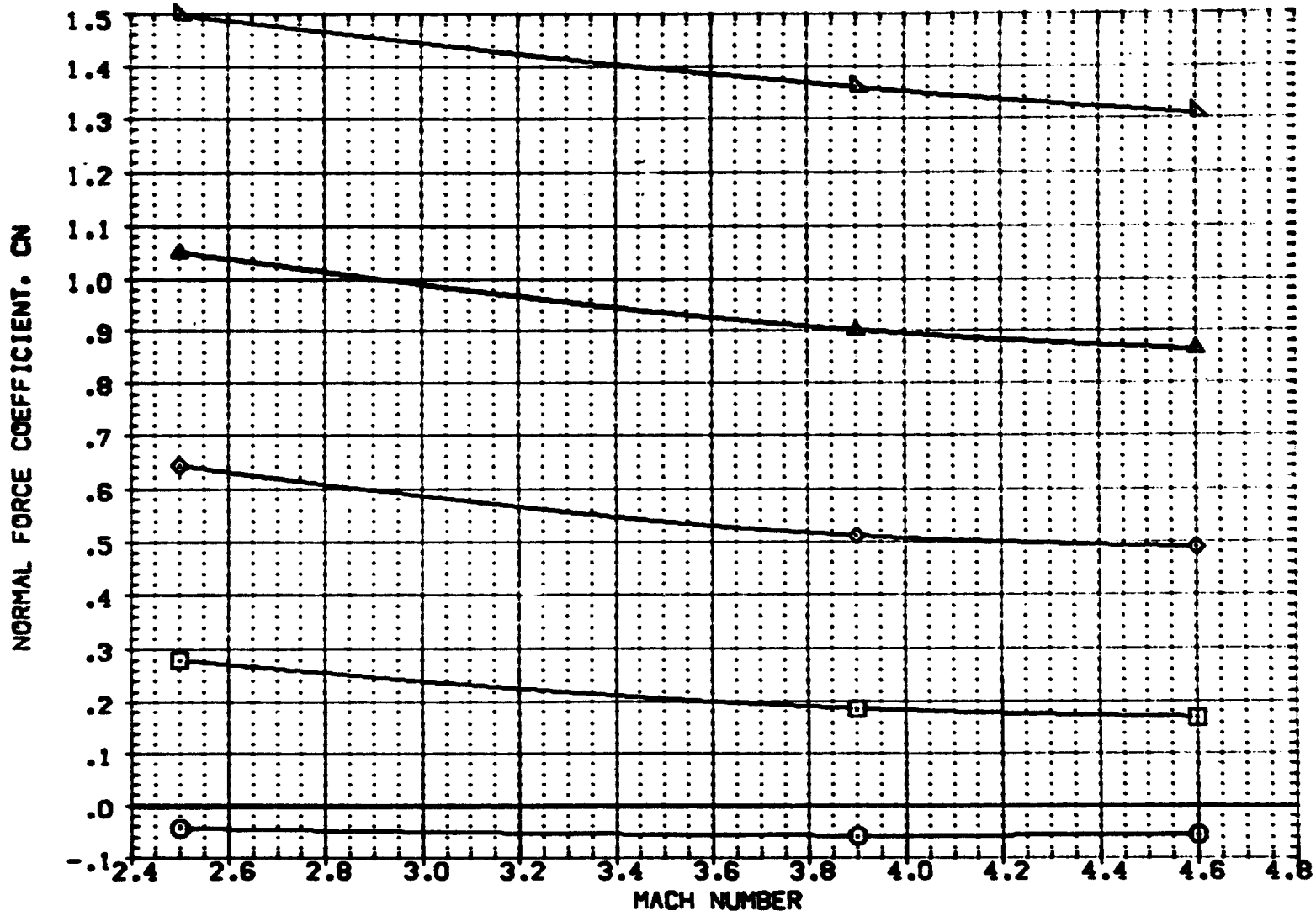
SYMBOL	ALPHA
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△	10.000
◇	20.000
□	30.000
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PARAMETRIC VALUES

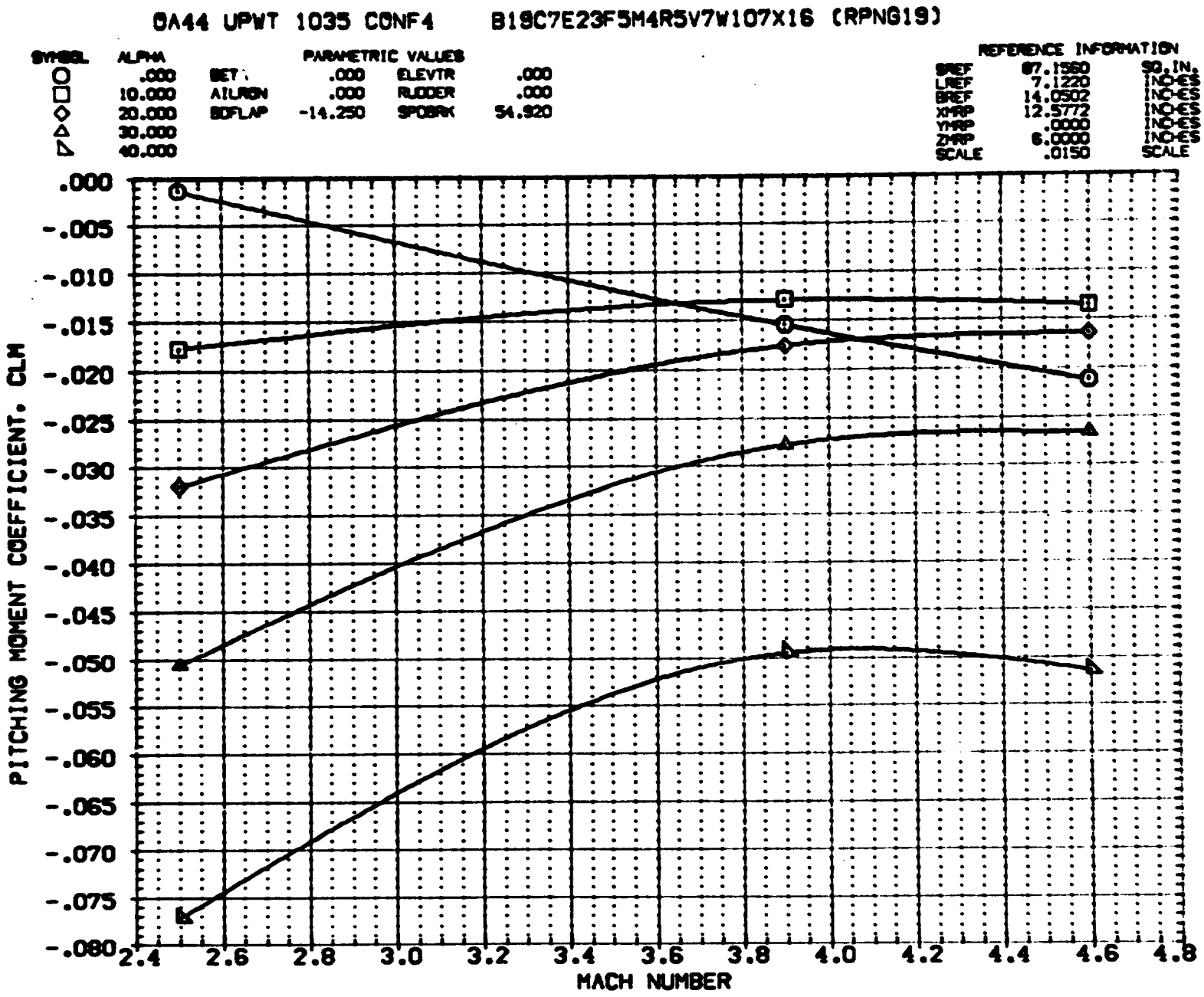
BETA	.000	ELEVTR	.000
AILRON	.000	RUDDER	.000
BOFLAP	-14.250	SPOBRK	54.920

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -1398 CONFIG



TOTAL VEHICLE -139B CONFIG

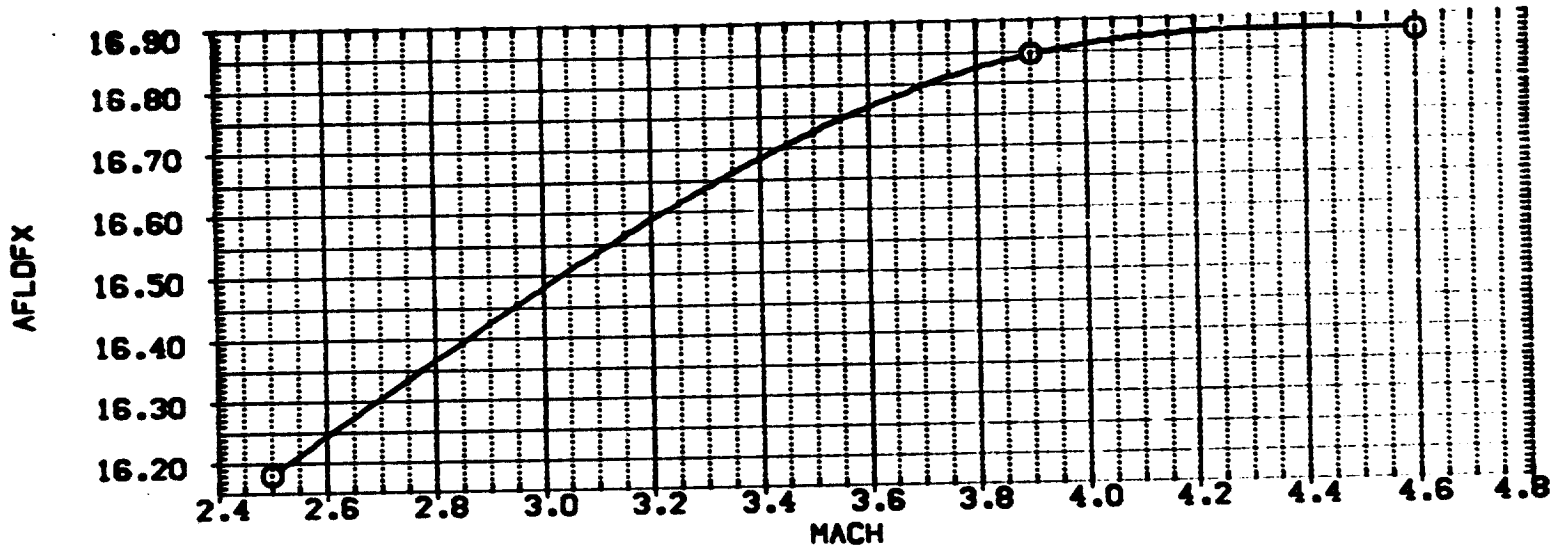
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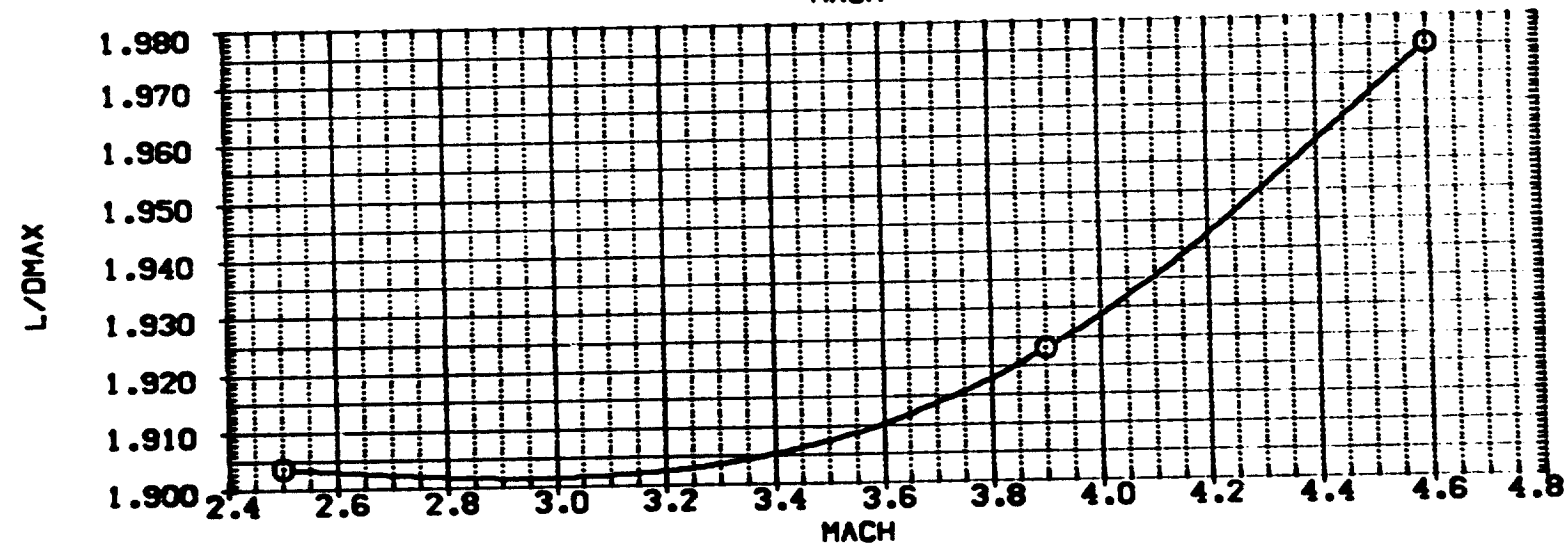
PARAMETRIC VALUES

BETA	.000	ELEVTR	.000
AILRON	.000	RUDDER	.000
BDFLAP	-14.250	SPDBRK	54.920

REFERENCE INFORMATION

SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
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YMRP	.0000	INCHES
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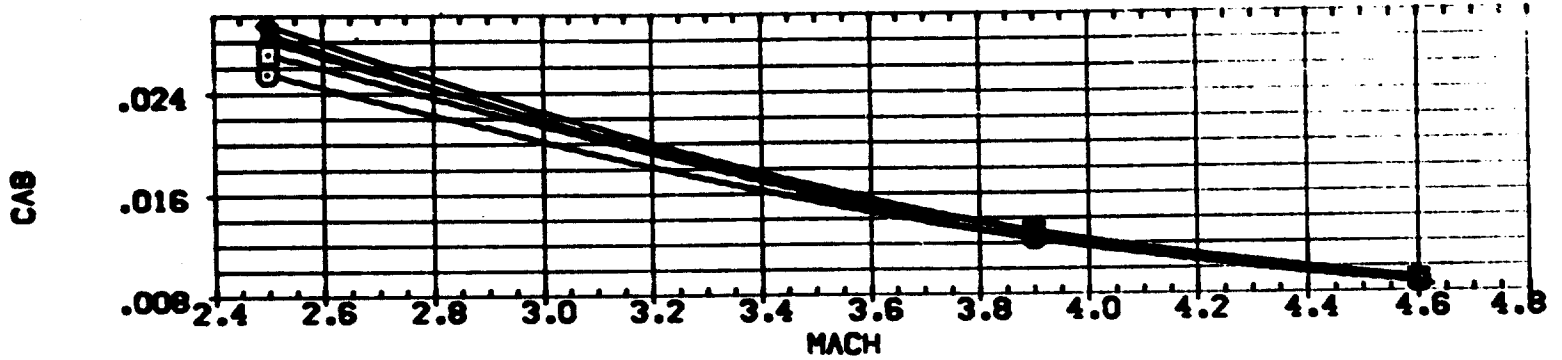


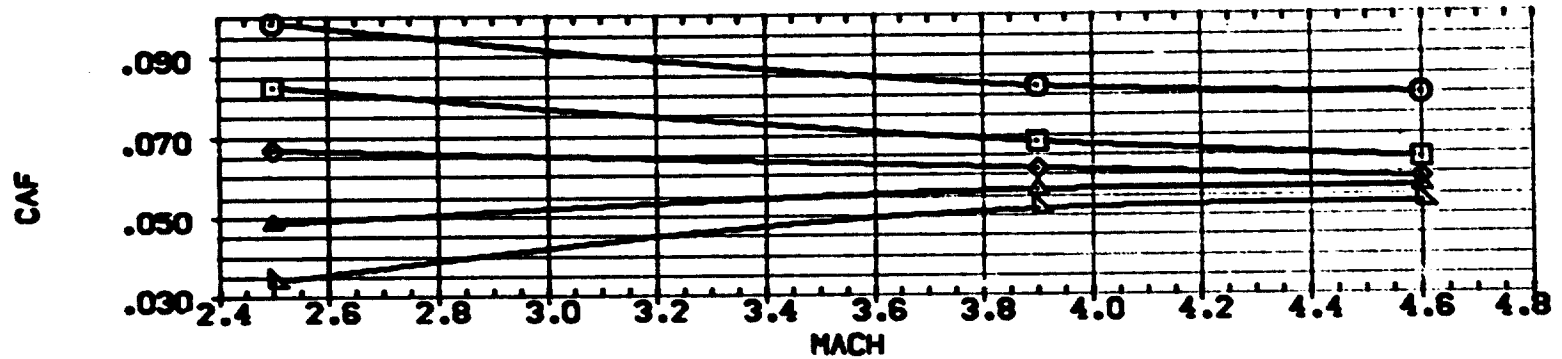
TOTAL VEHICLE -139B CONFIG

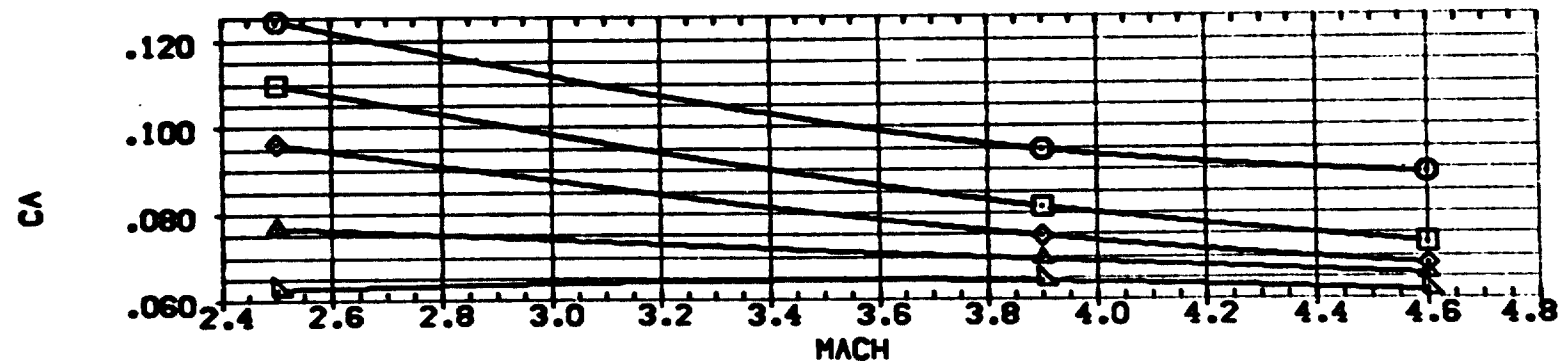
SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPOSPK	54.920
△	30.000				
◁	40.000				

REFERENCE INFORMATION

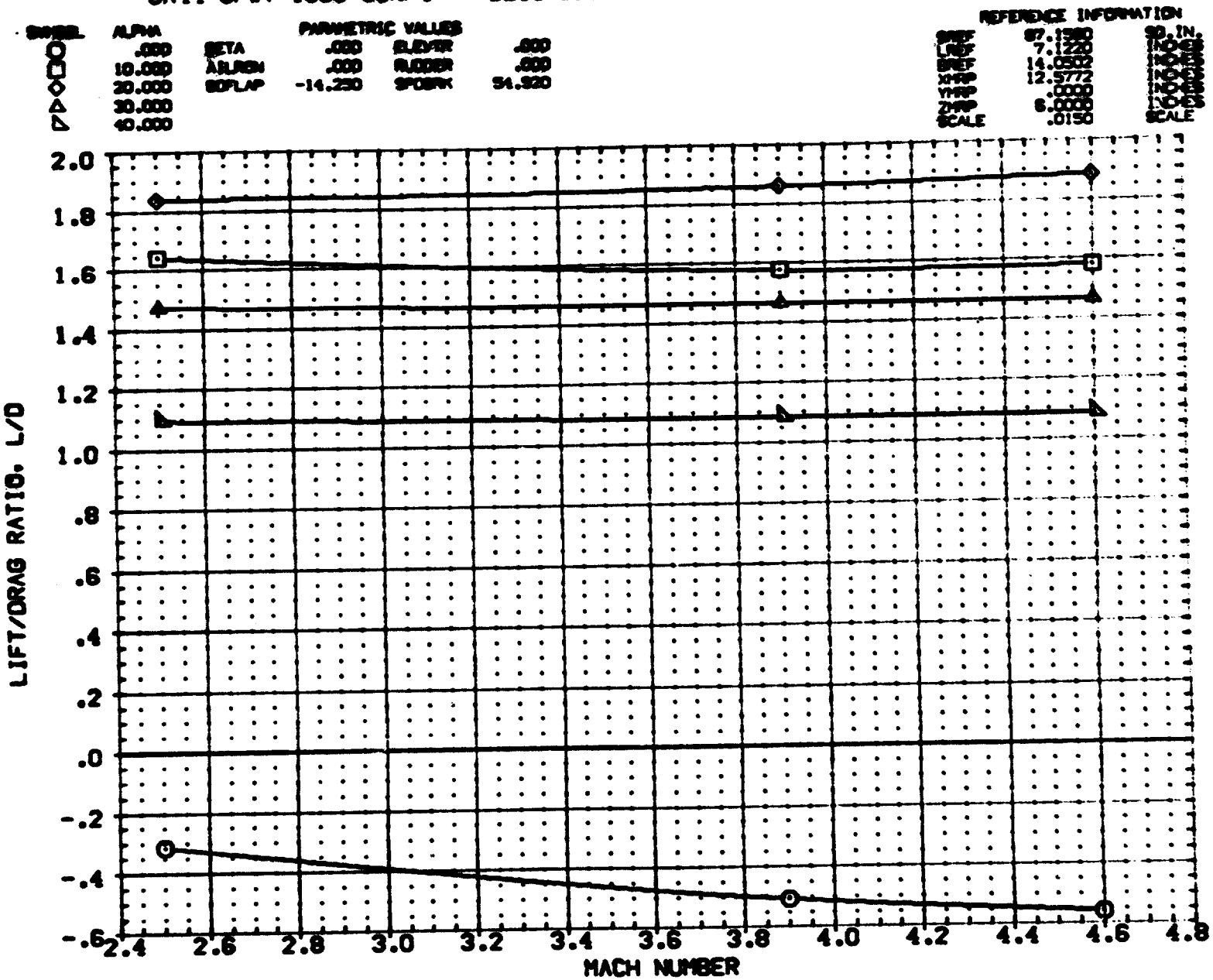
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YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



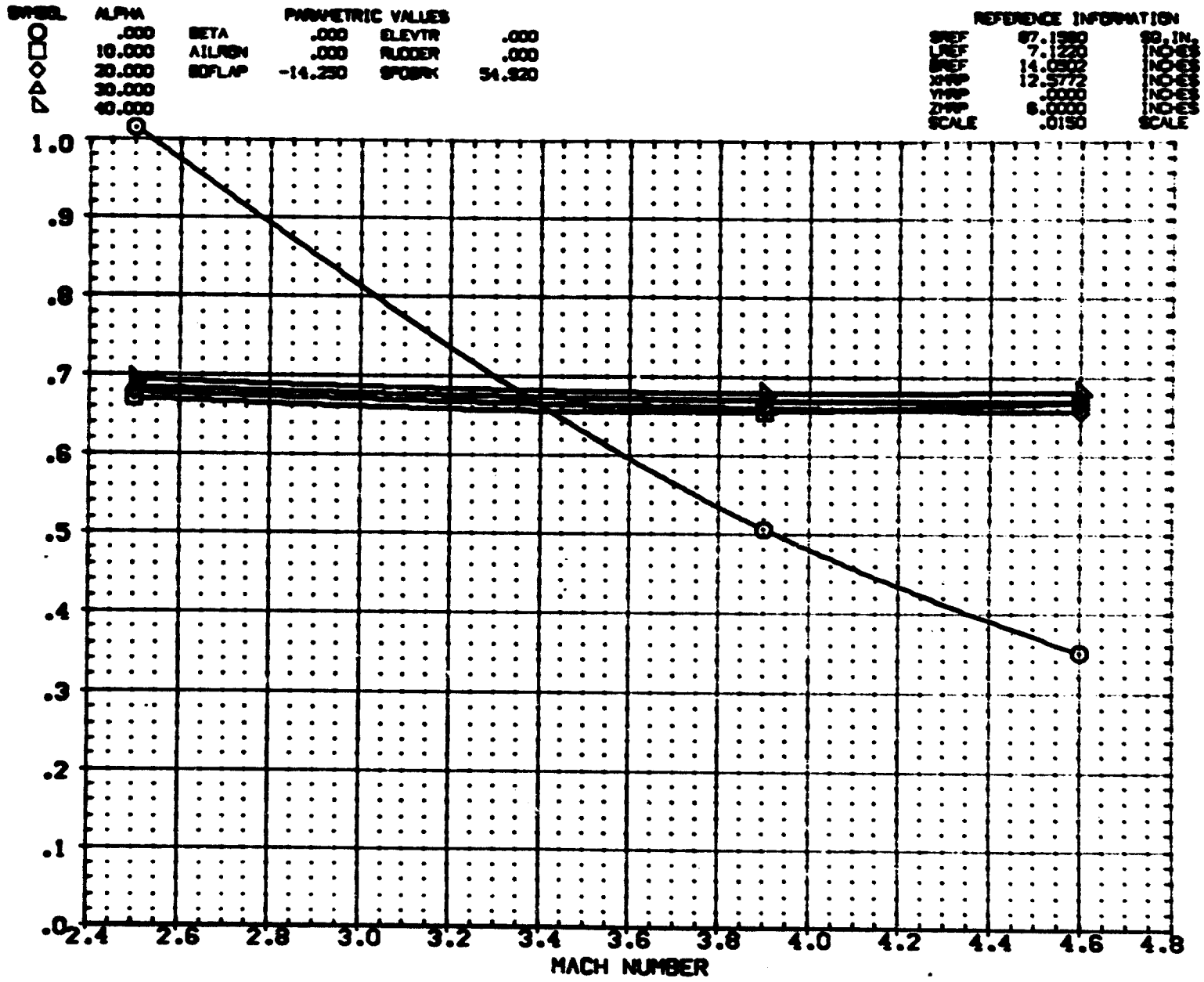




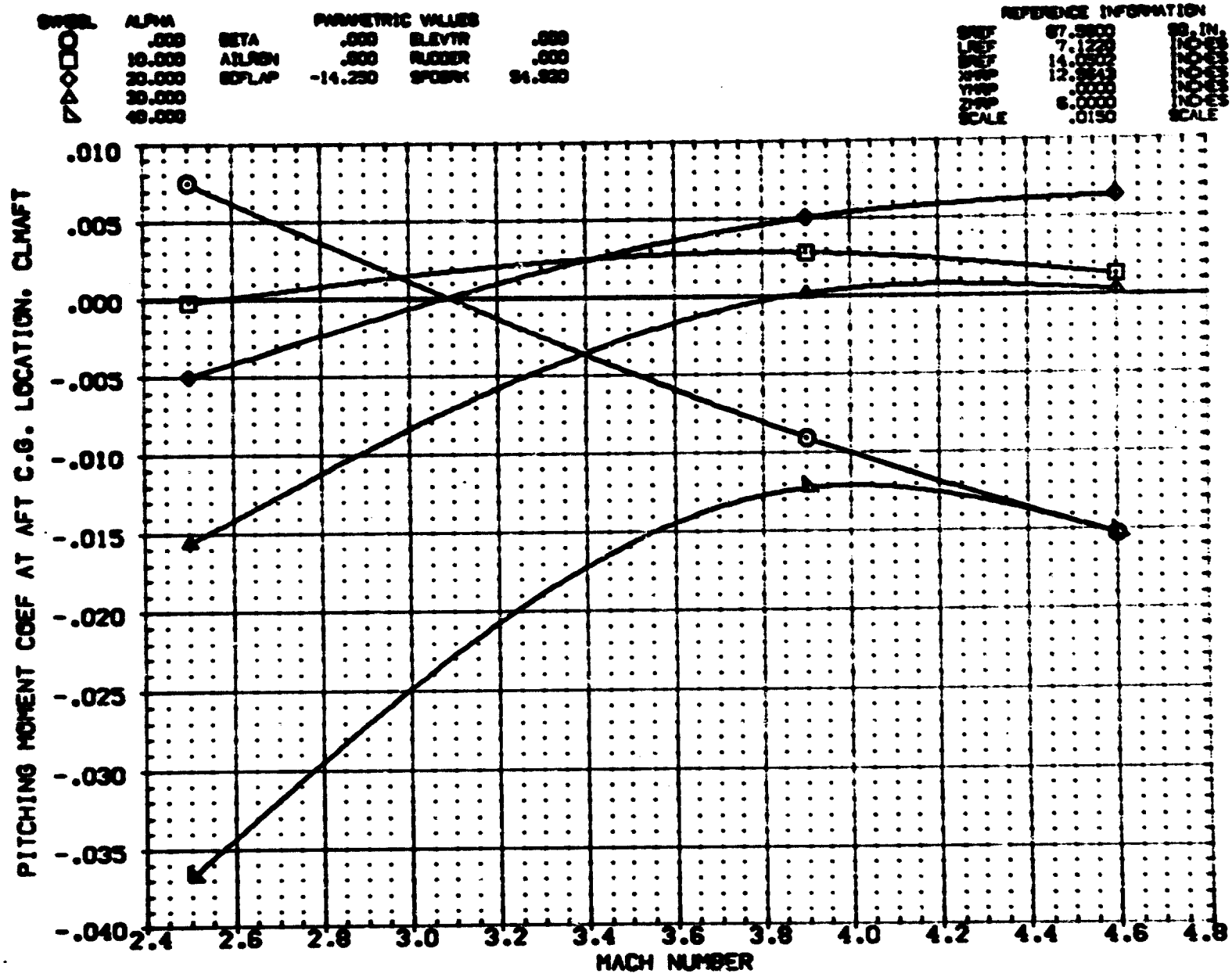
TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE



TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE

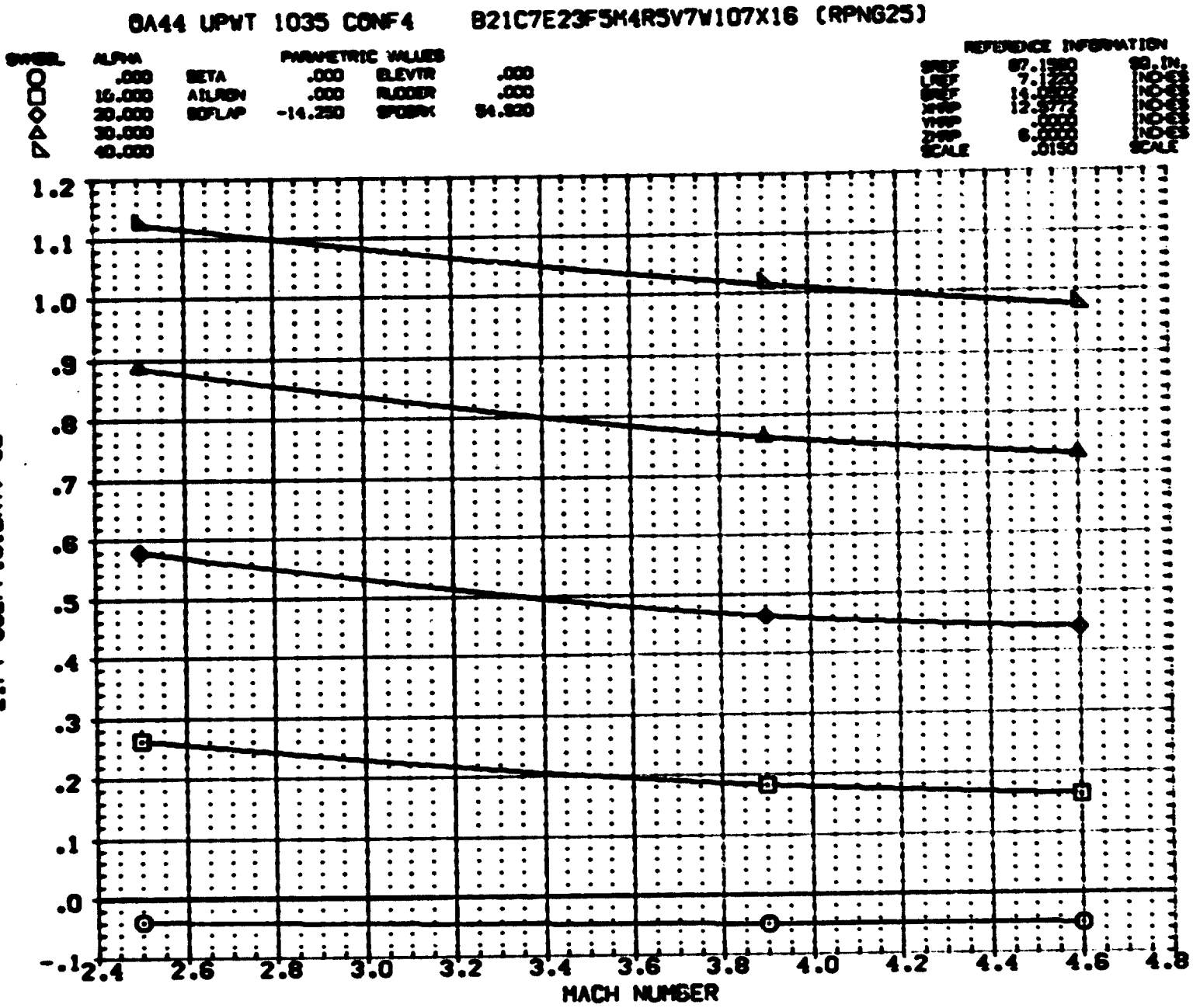


TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE

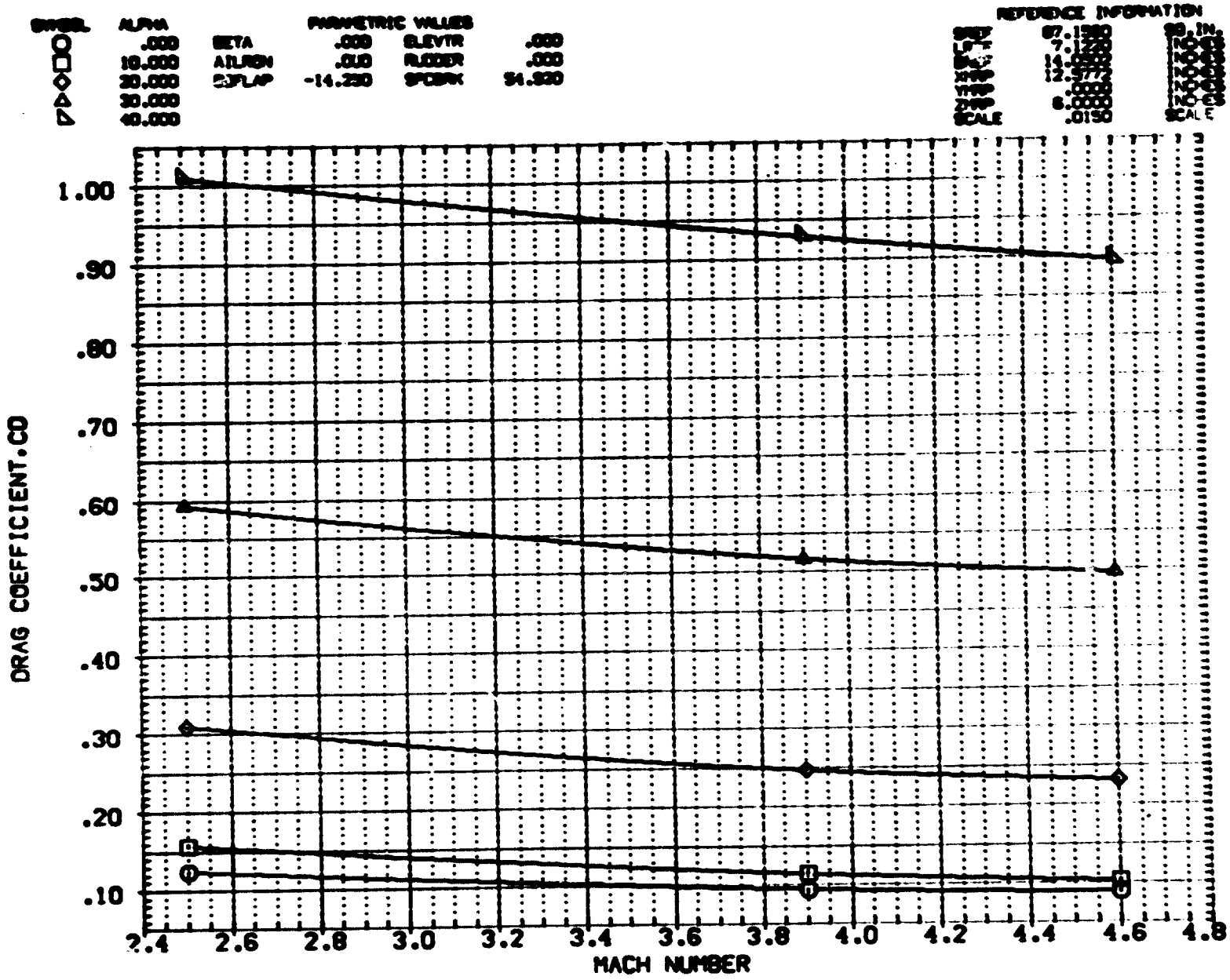


TOTAL VEHICLE -1398 CONFIG WITH MODIFIED NOSE

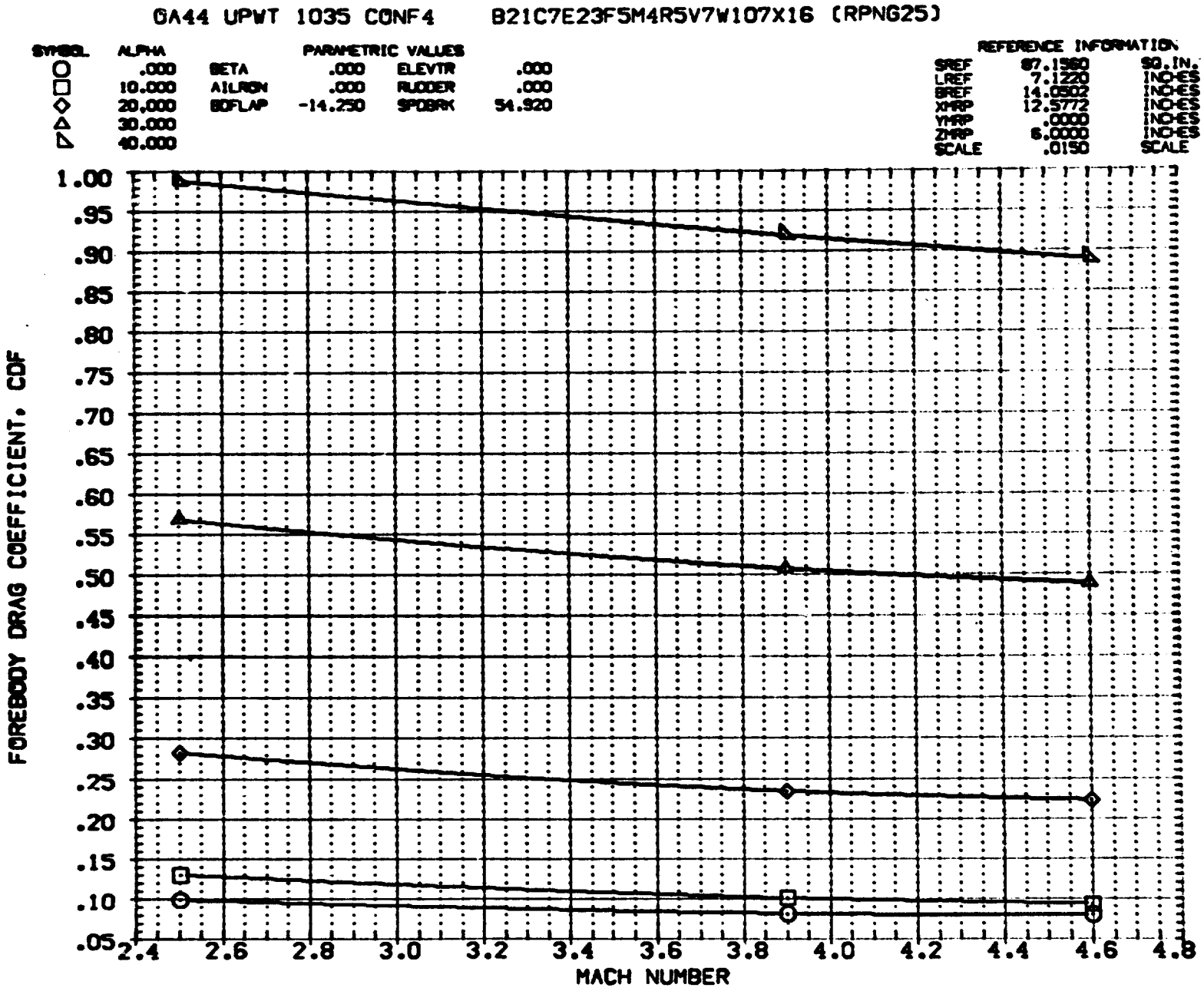
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TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE



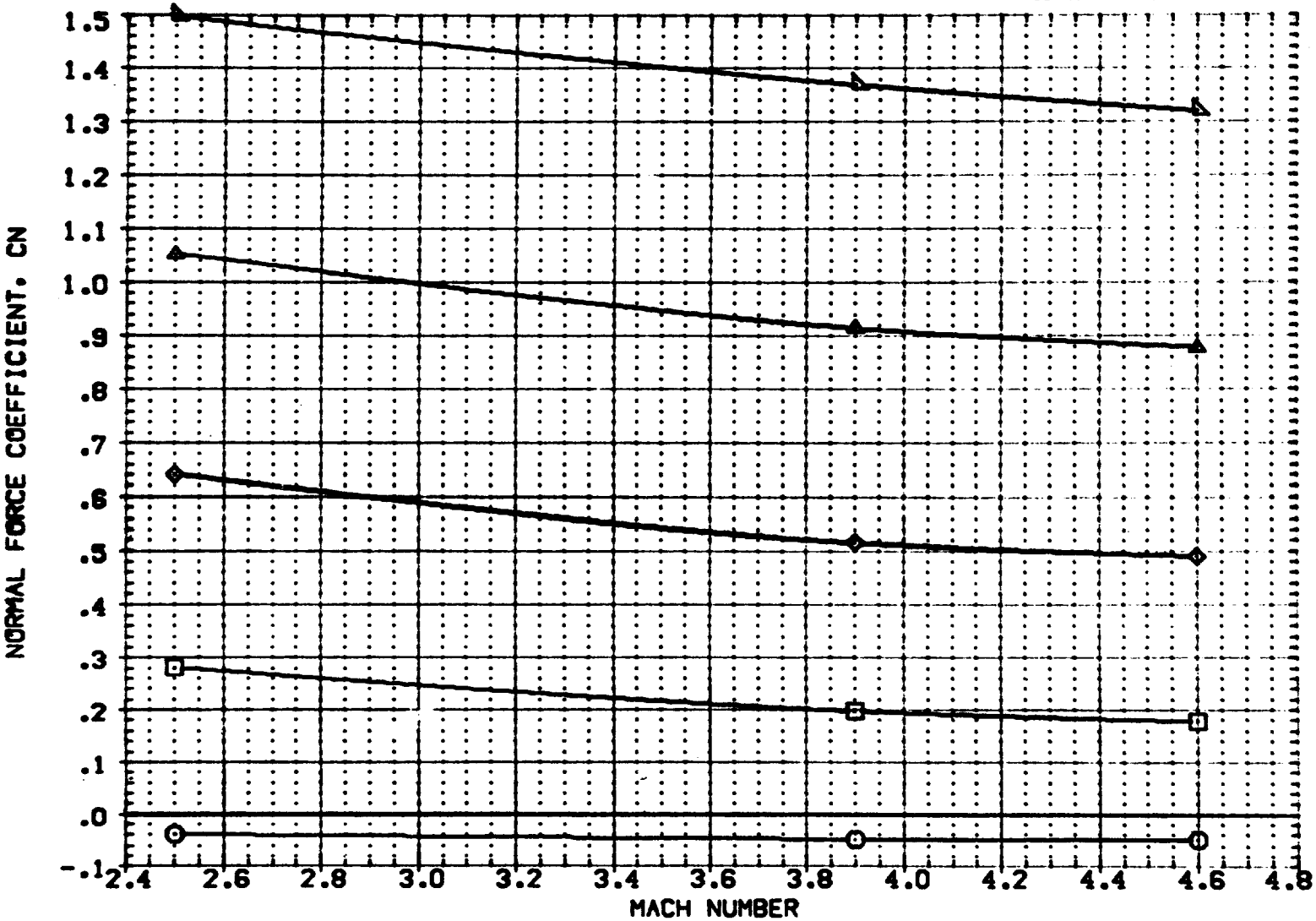
TOTAL VEHICLE -1398 CONFIG WITH MODIFIED NOSE



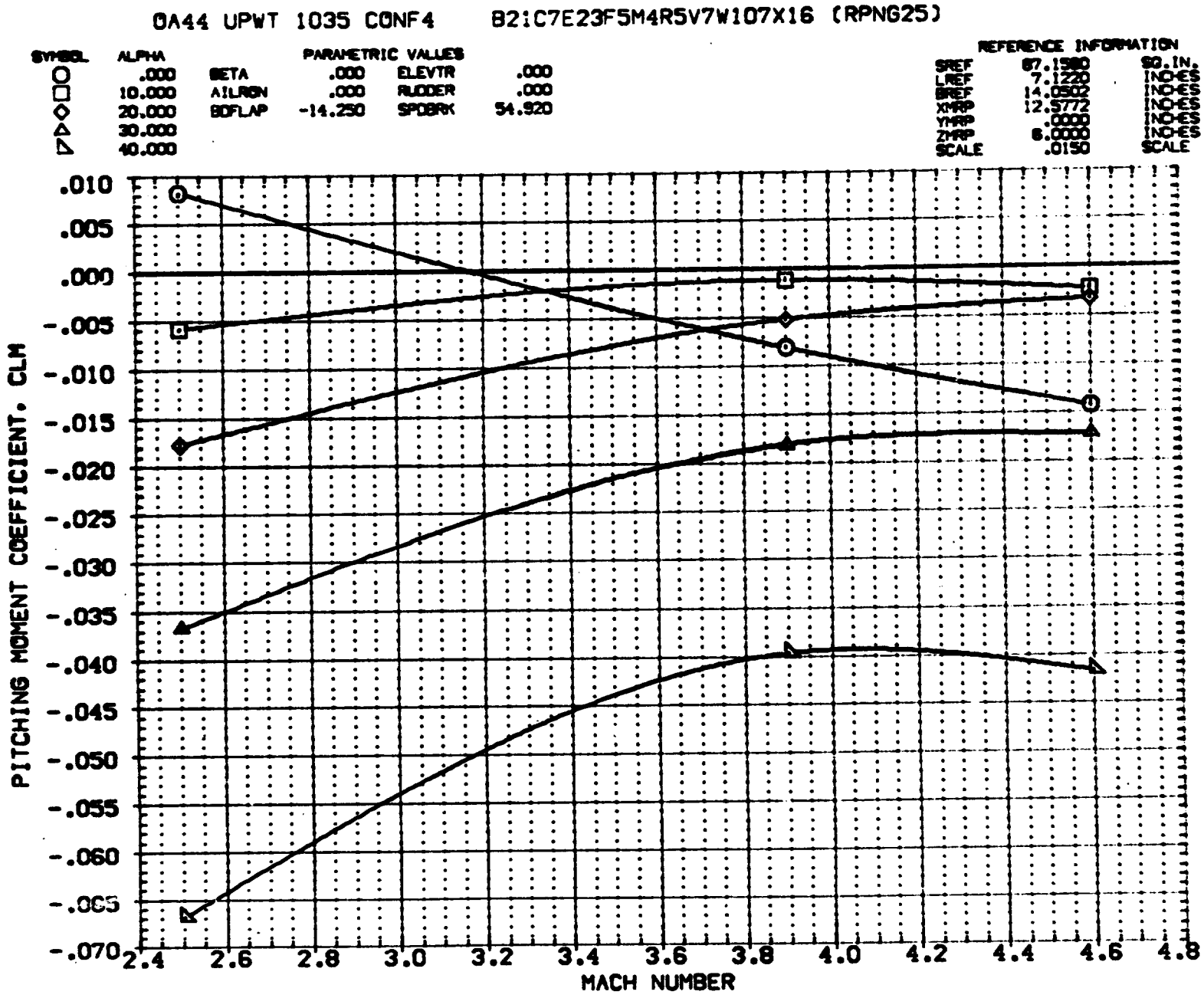
TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	RUDDER	.000
◇	20.000	BDFLAP	-14.250	SPDBRK	54.920
△	30.000				
▷	40.000				

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE



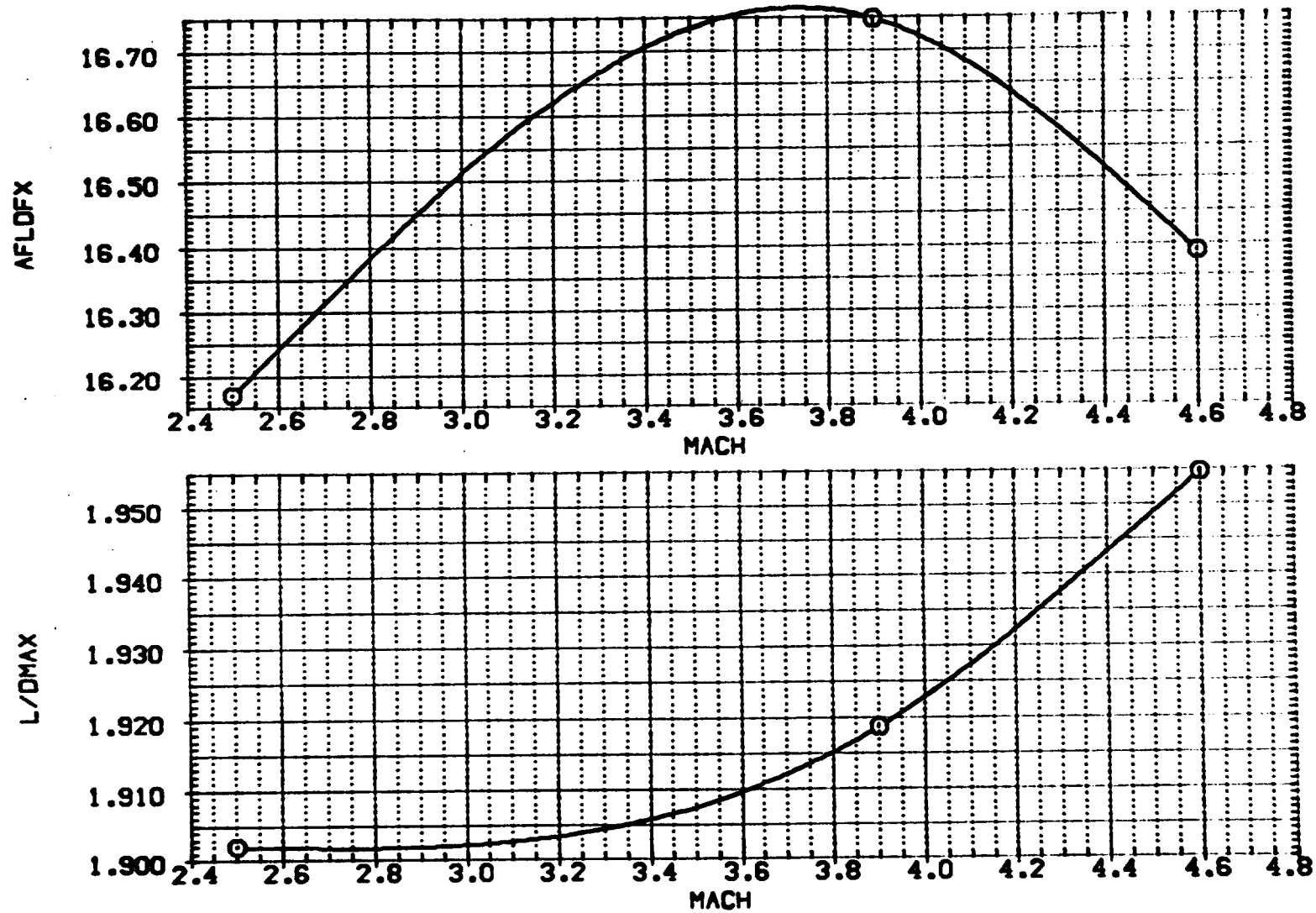
TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE

PARAMETRIC VALUES

BETA	.000	ELEVTR	.000
AILRON	.000	RUDDER	.000
BDFLAP	-14.250	SPDBRK	54.920

REFERENCE INFORMATION

SREF	87.1980	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

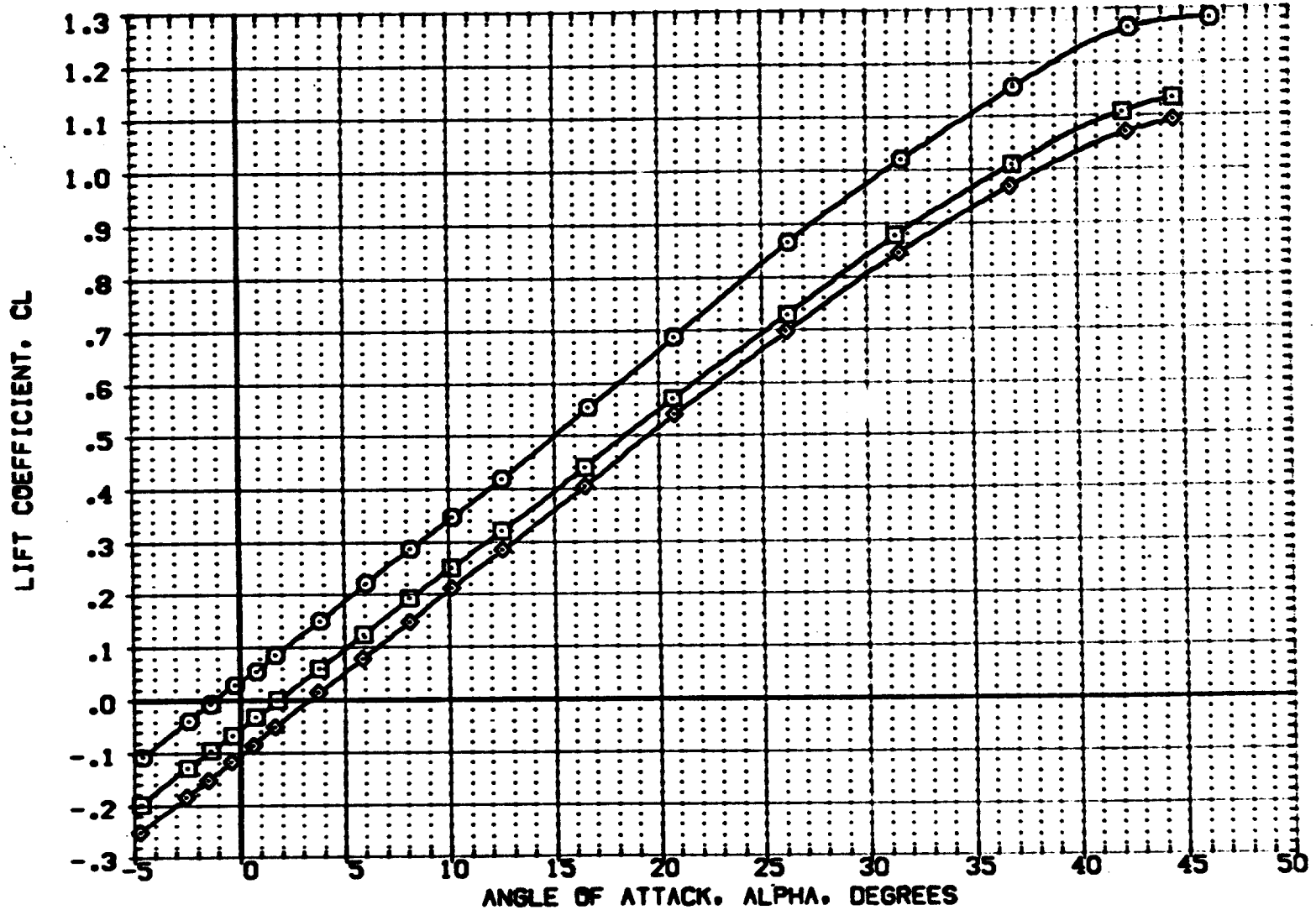


TOTAL VEHICLE -139B CONFIG WITH MODIFIED NOSE

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE05]	○	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	10.000	13.730	54.820	.000
[RPNE08]	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	-20.000	-14.250	54.820	.000
[RPNE04]	◇	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	-40.000	-14.250	54.820	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



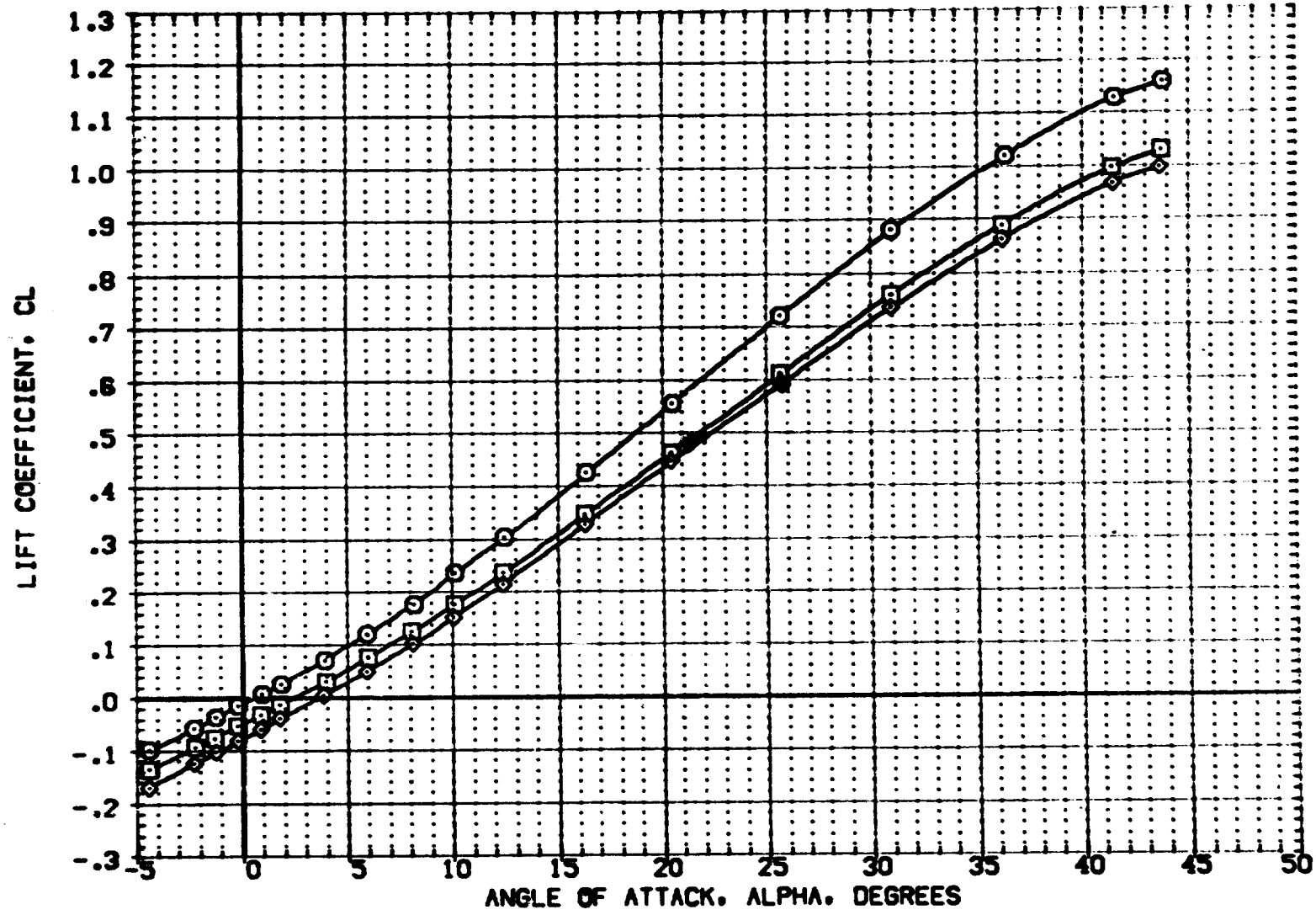
ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	0A44 UPVT 1035 CONF-2A B1003D7MOF4V87E [illegible]	10.000	13.730	54.920	.000
[illegible]	0A44 UPVT 1035 CONF-2A B1003D7MOF4V87E [illegible]	-20.000	-14.290	54.920	.000
[illegible]	0A44 UPVT 1035 CONF-2A B1003D7MOF4V87E [illegible]	-40.000	-14.290	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0582	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

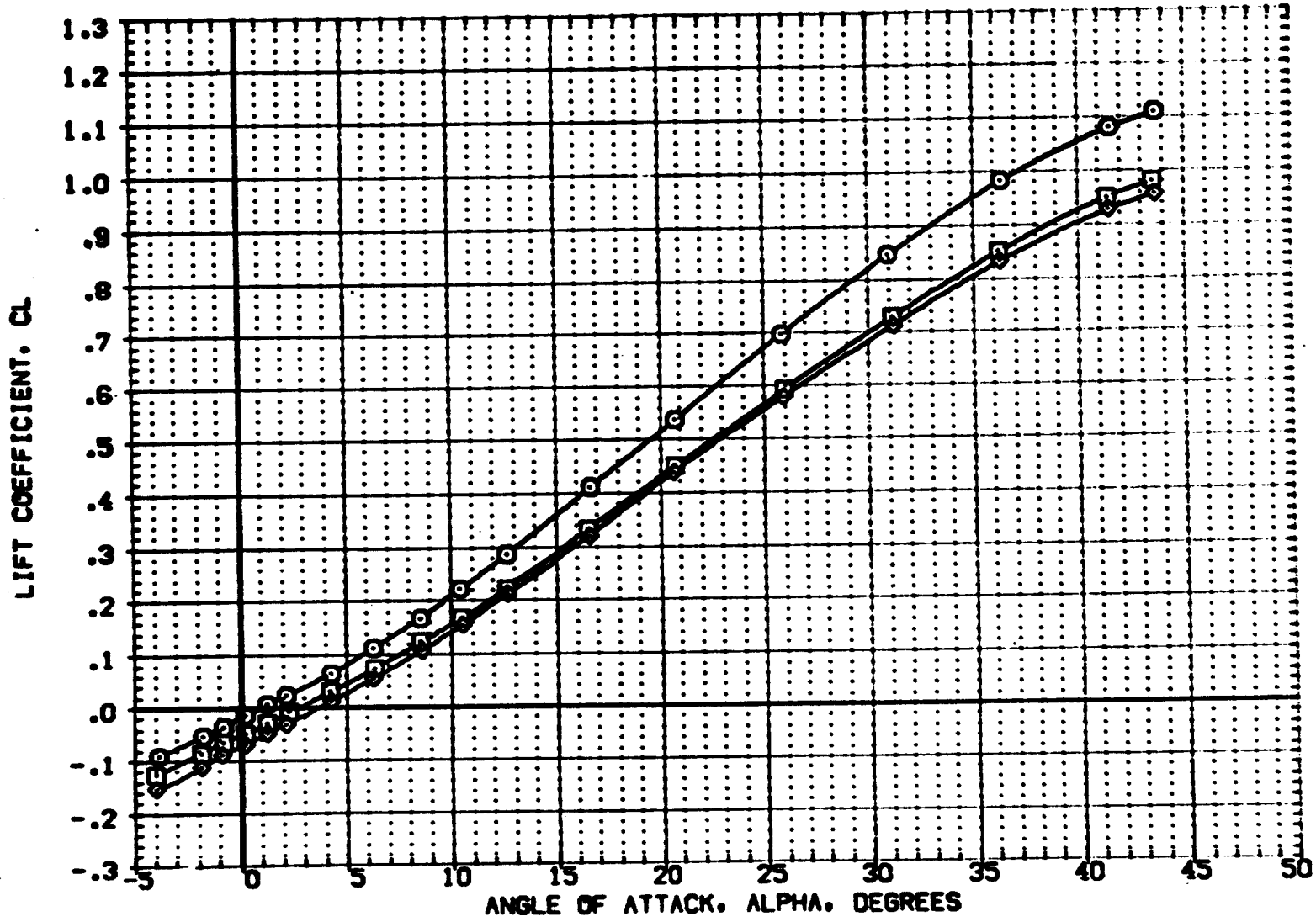


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	□	0W44 UPVT 1085 CONF-2A B10CS07HSF4W87E1BR5V5X16	10.000	13.730	54.920	.000
[illegible]	○	0W44 UPVT 1085 CONF-2A B10CS07HSF4W87E1BR5V5X16	-20.000	-14.250	54.920	.000
[illegible]	◇	0W44 UPVT 1085 CONF-2A B10CS07HSF4W87E1BR5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

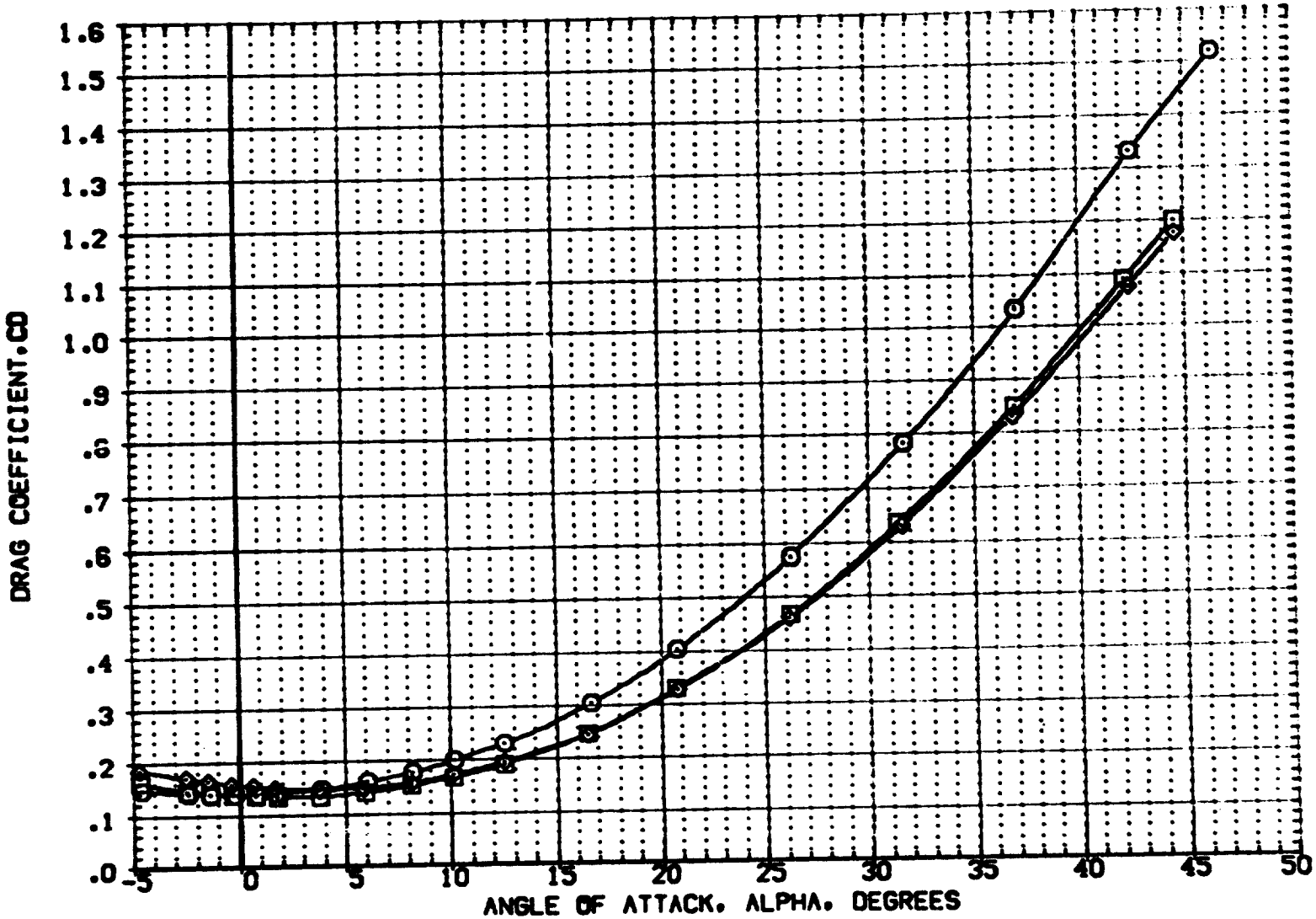


ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	0444 UPVT 1005 CONF-2A B10C307HCF4W07E1005V3X16	10.000	13.730	54.920	.000
[illegible]	0444 UPVT 1005 CONF-2A B10C307HCF4W07E1005V3X16	-20.000	-14.280	54.920	.000
[illegible]	0444 UPVT 1005 CONF-2A B10C307HCF4W07E1005V3X16	-40.000	-14.280	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0582	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

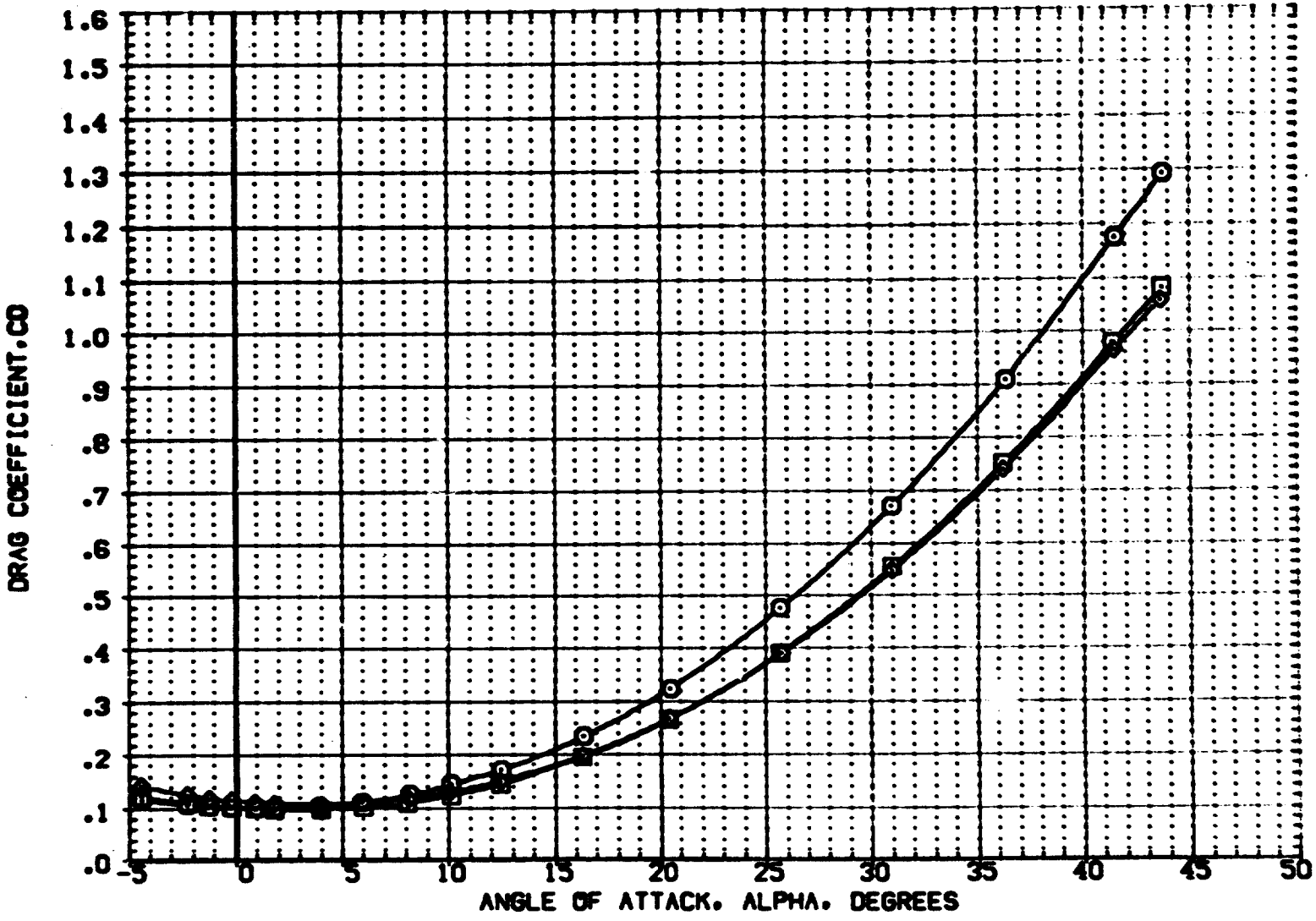


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	○	0A44 UPVT 1035 CONF-2A B10C5D7HDF4W87E1BRBV5X16	10.000	13.730	54.920	.000
[illegible]	□	0A44 UPVT 1035 CONF-2A B10C5D7HDF4W87E1BRBV5X16	-20.000	-14.250	54.920	.000
[illegible]	◇	0A44 UPVT 1035 CONF-2A B10C5D7HDF4W87E1BRBV5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



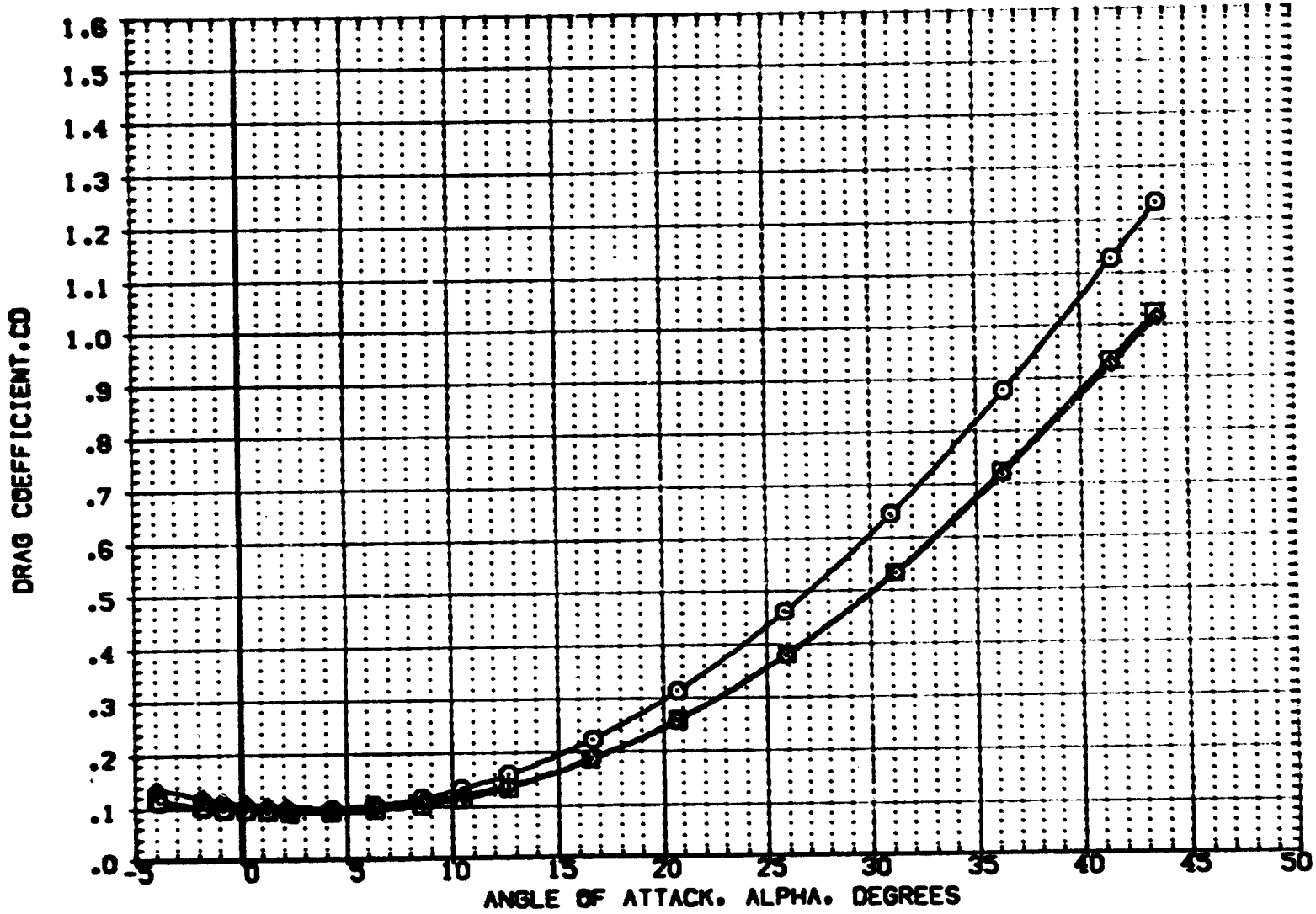
ELEVONS DEFLECTED -898 CONFIG

(8)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	0444 UPVT [illegible]	-10.000	13.730	34.660	.0000
[illegible]	0444 UPVT [illegible]	-30.000	-14.250	34.660	.0000
[illegible]	0444 UPVT [illegible]	-40.000	-14.250	34.320	.0000

REFERENCE INFORMATION

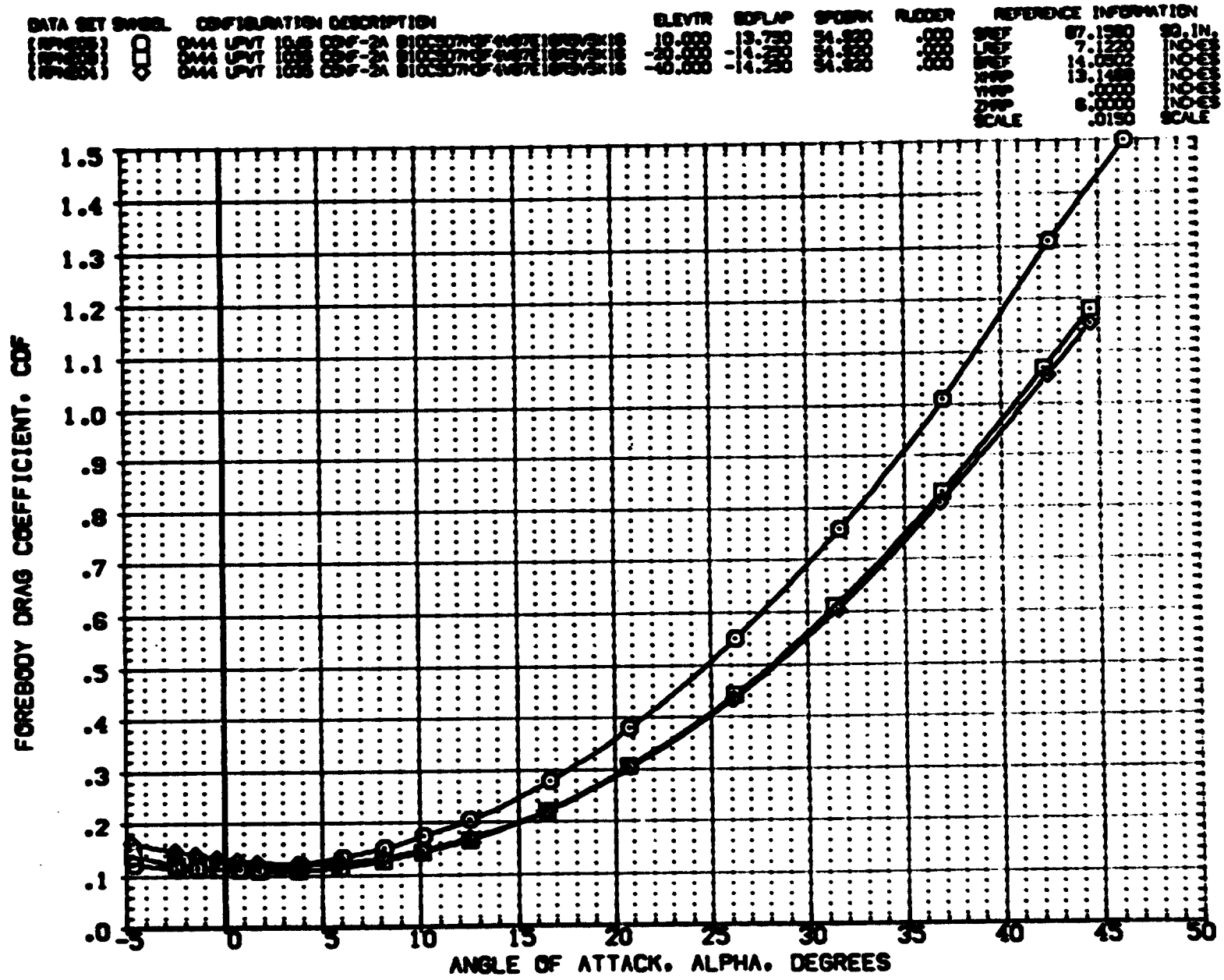
SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1450	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR



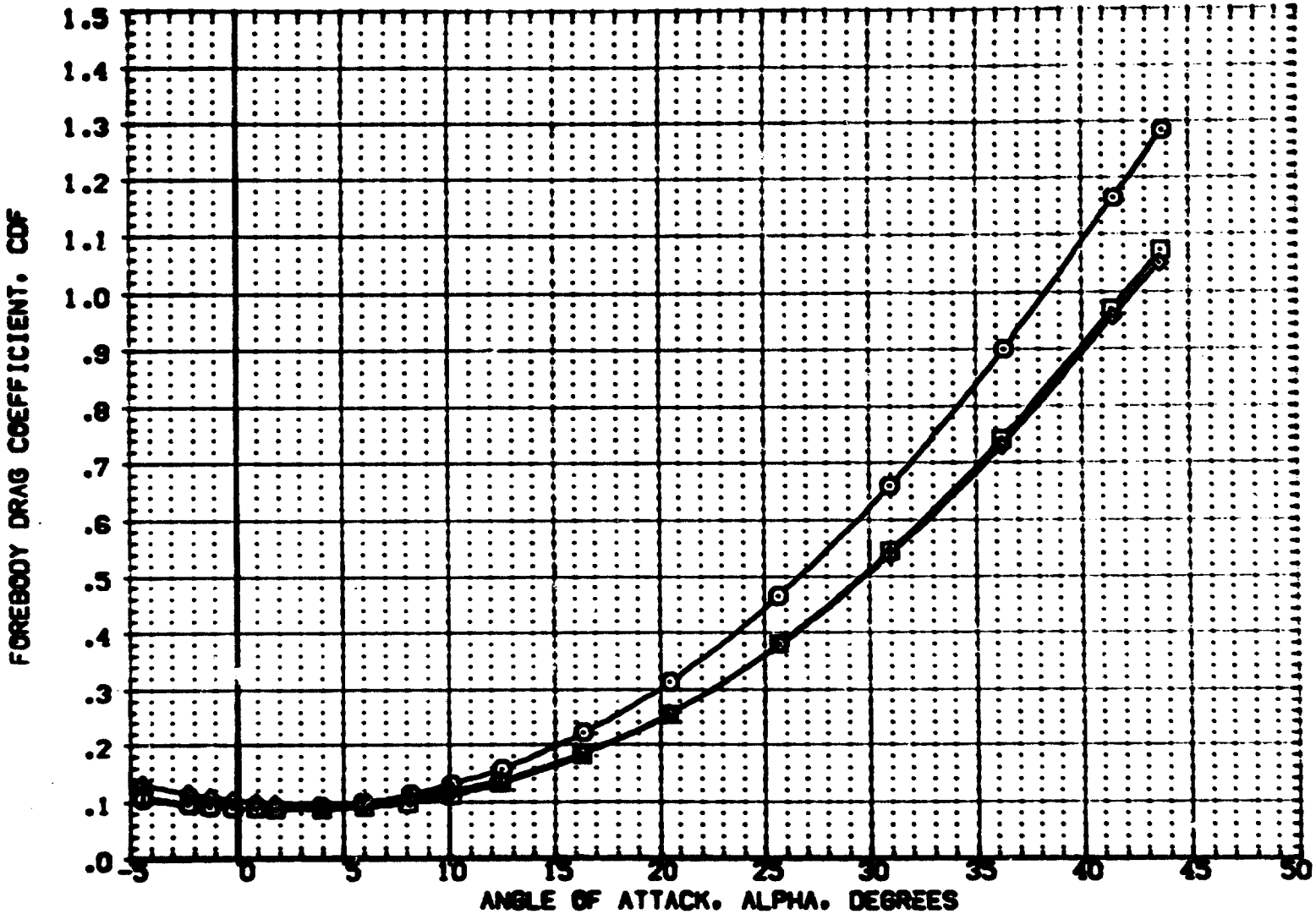
ELEVONS DEFLECTED -898 CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	EDFLAP	SPOBRK	RUDDER
[illegible]	0444 UPVT 1008 CDF-2A [illegible]	10.000	13.730	54.830	.000
[illegible]	0444 UPVT 1008 CDF-2A [illegible]	-40.000	-14.260	54.830	.000
[illegible]	0444 UPVT 1008 CDF-2A [illegible]	-40.000	-14.260	54.830	.000

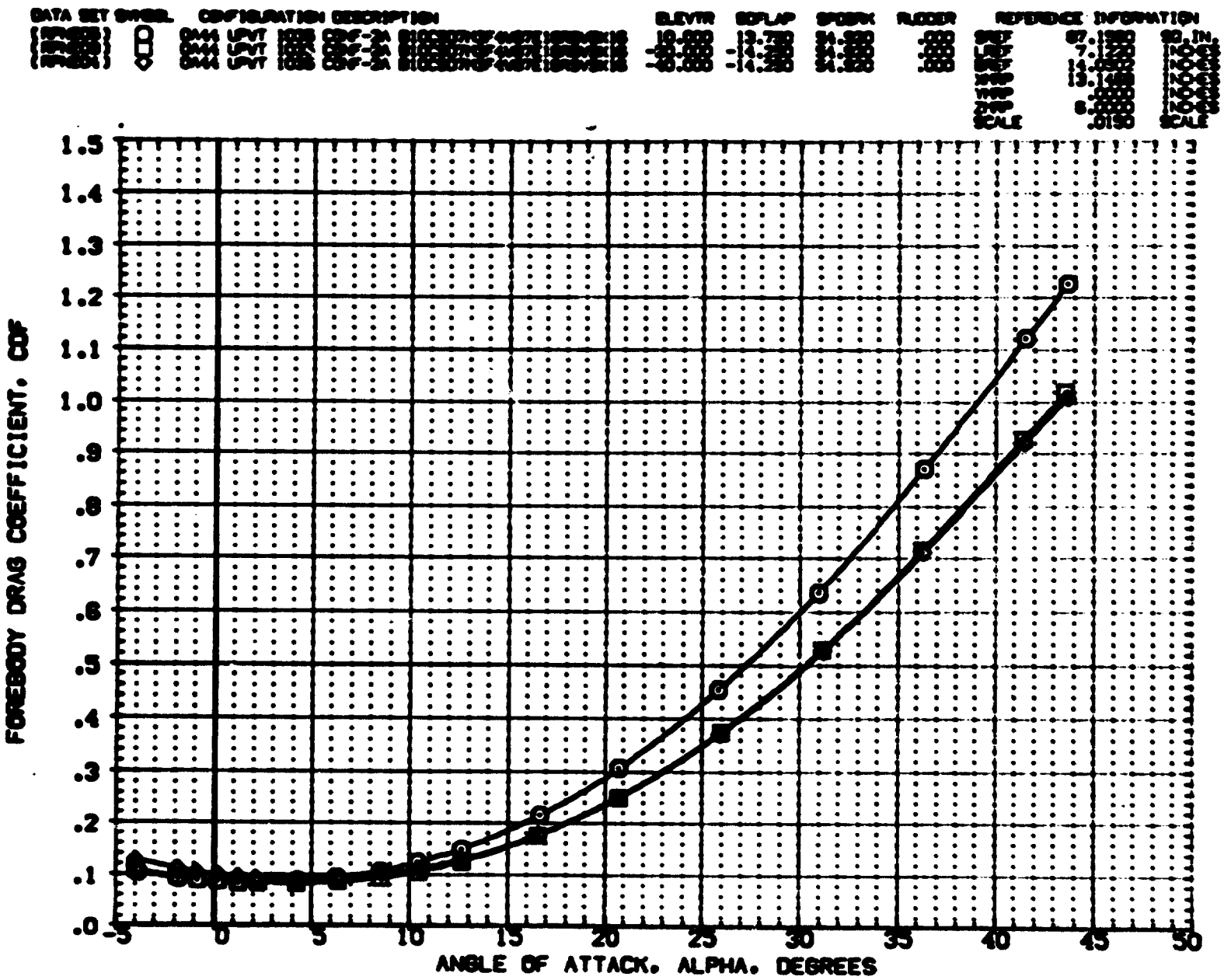
REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
[illegible]	14.0300	INCHES
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[illegible]	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0180	SCALE



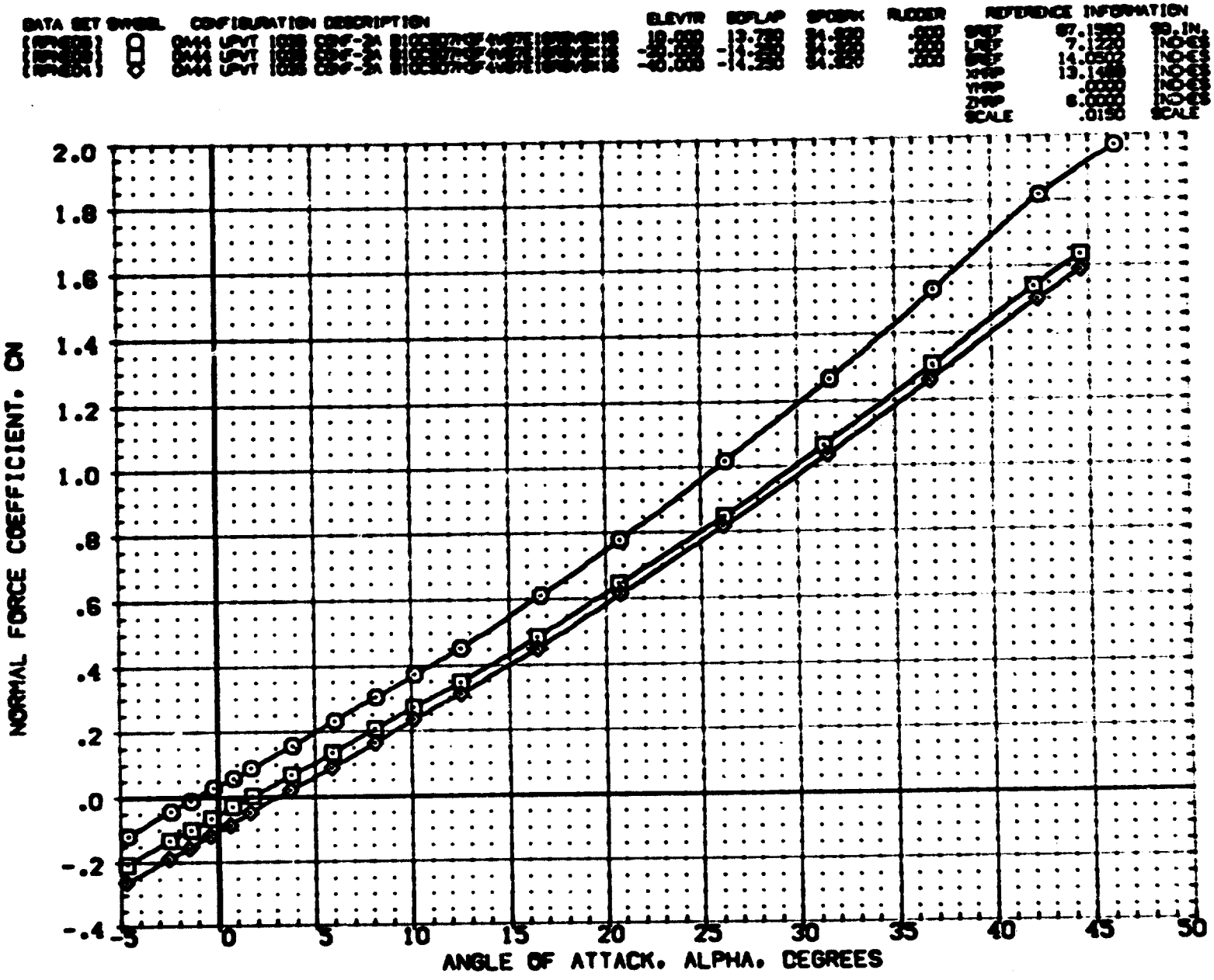
ELEVONS DEFLECTED -898 CONFIG

(B)MACH = 3.90



ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

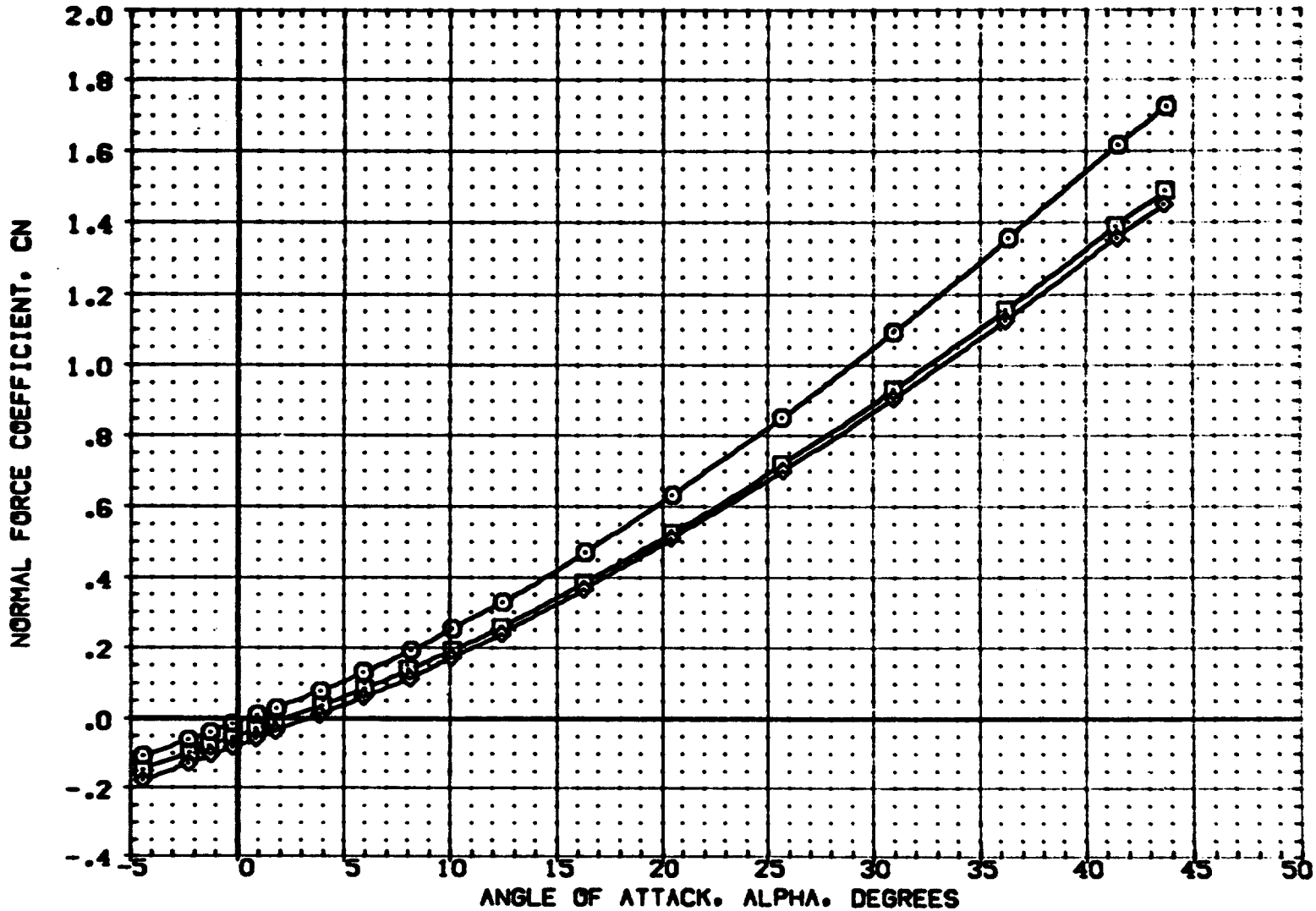


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RFNEDS)	▭	0A44 UPVT 1035 CONF-2A B10C3D7MDF4W87E1B5BV5X18	10.000	13.730	54.920	.000
(RFNEDS)	▭	0A44 UPVT 1035 CONF-2A B10C3D7MDF4W87E1B5BV5X18	-20.000	-14.230	54.920	.000
(RFNEDS)	◇	0A44 UPVT 1035 CONF-2A B10C3D7MDF4W87E1B5BV5X18	-40.000	-14.230	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1320	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

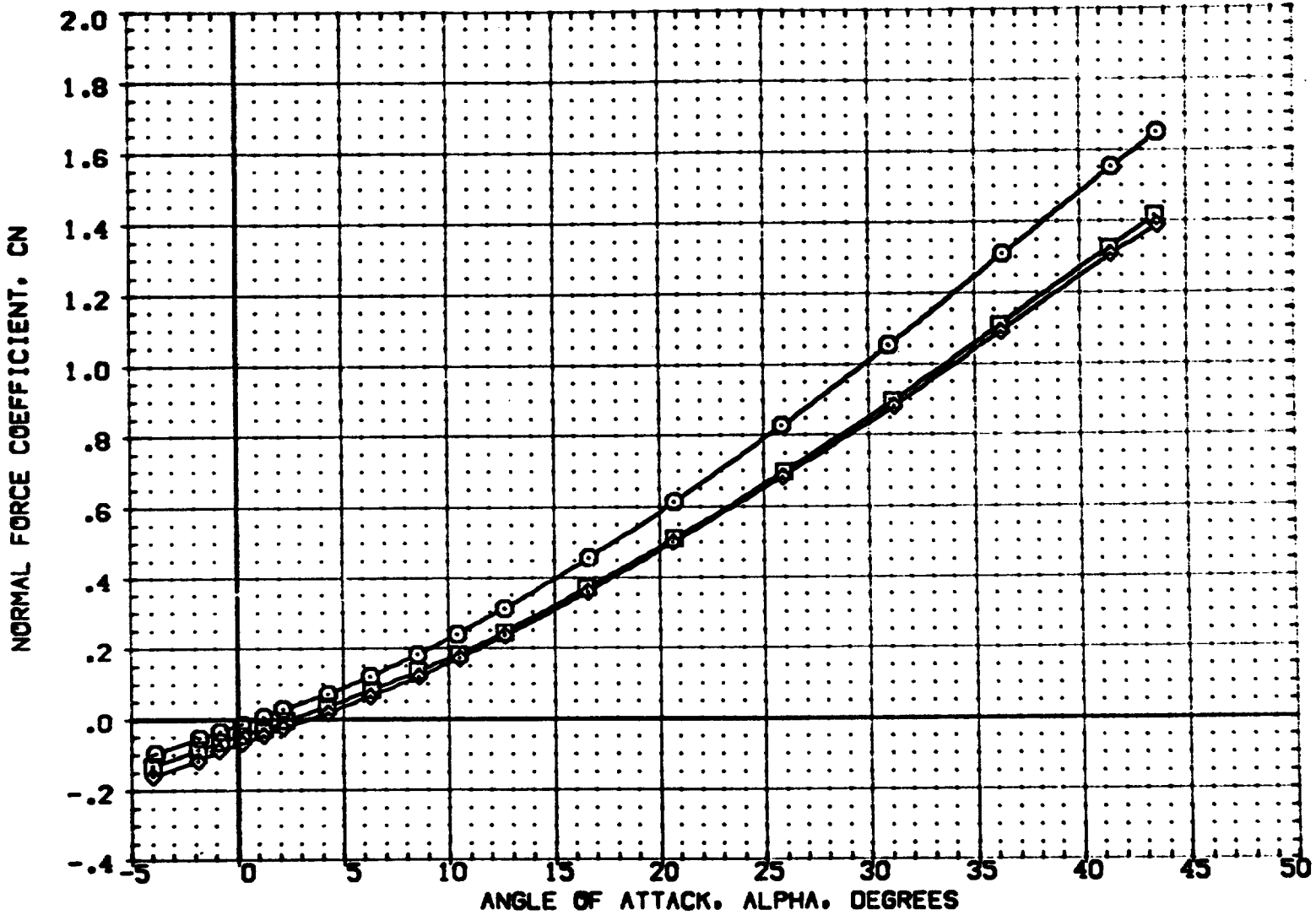


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	0144 UPVT 1005 CONF-2A B10CS07HDF4WB7E1BR5V5X16	10.000	13.730	54.920	.000
[illegible]	0144 UPVT 1005 CONF-2A B10CS07HDF4WB7E1BR5V5X16	-20.000	-14.250	54.920	.000
[illegible]	0144 UPVT 1005 CONF-2A B10CS07HDF4WB7E1BR5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1360	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1480	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

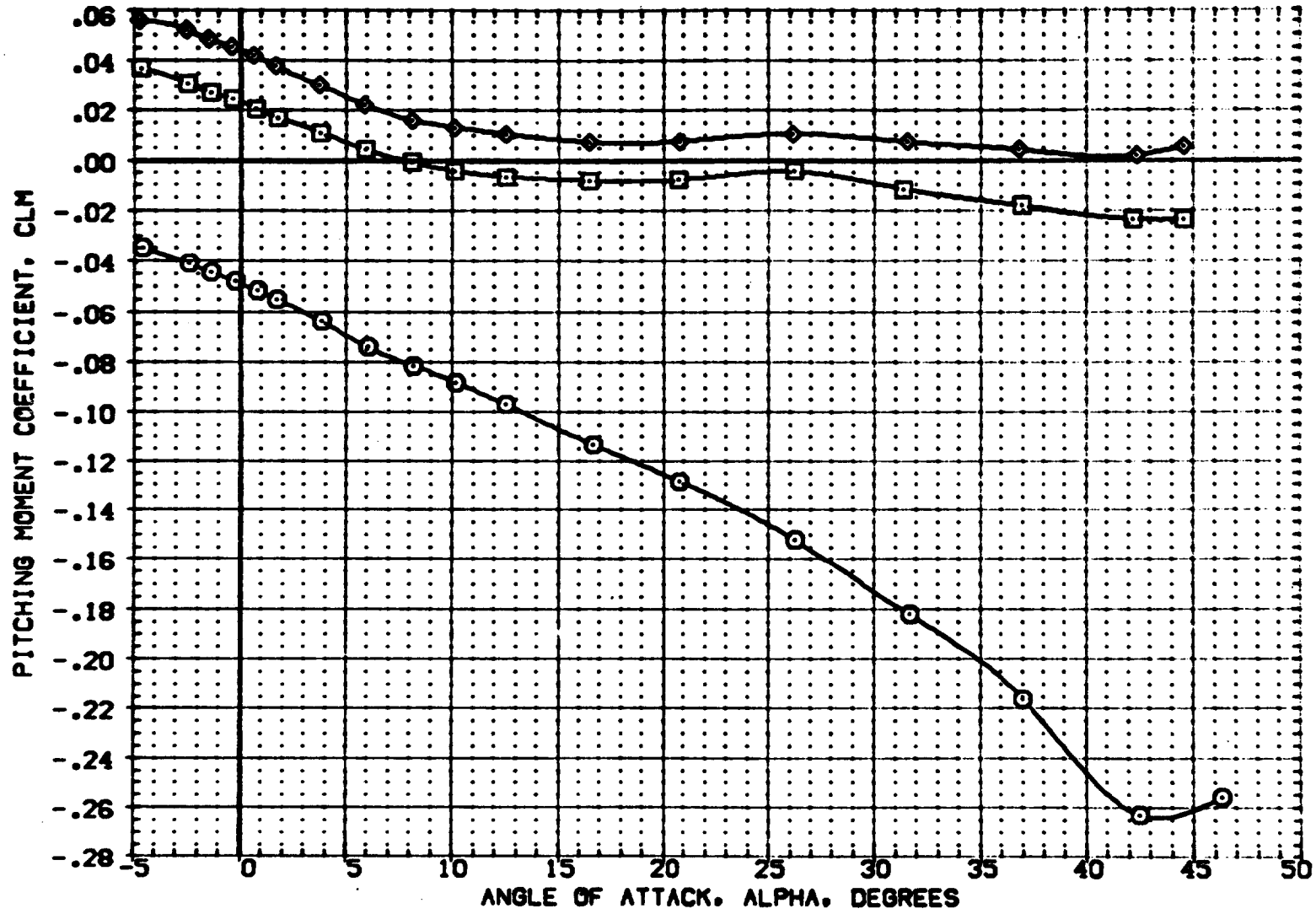


ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNE05]	○	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1B5BV5X16	10.000	13.730	54.920	.000
[RPNE08]	□	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1B5BV5X16	-20.000	-14.250	54.920	.000
[RPNE04]	◇	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1B5BV5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0882	INCHES
XMRP	15.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

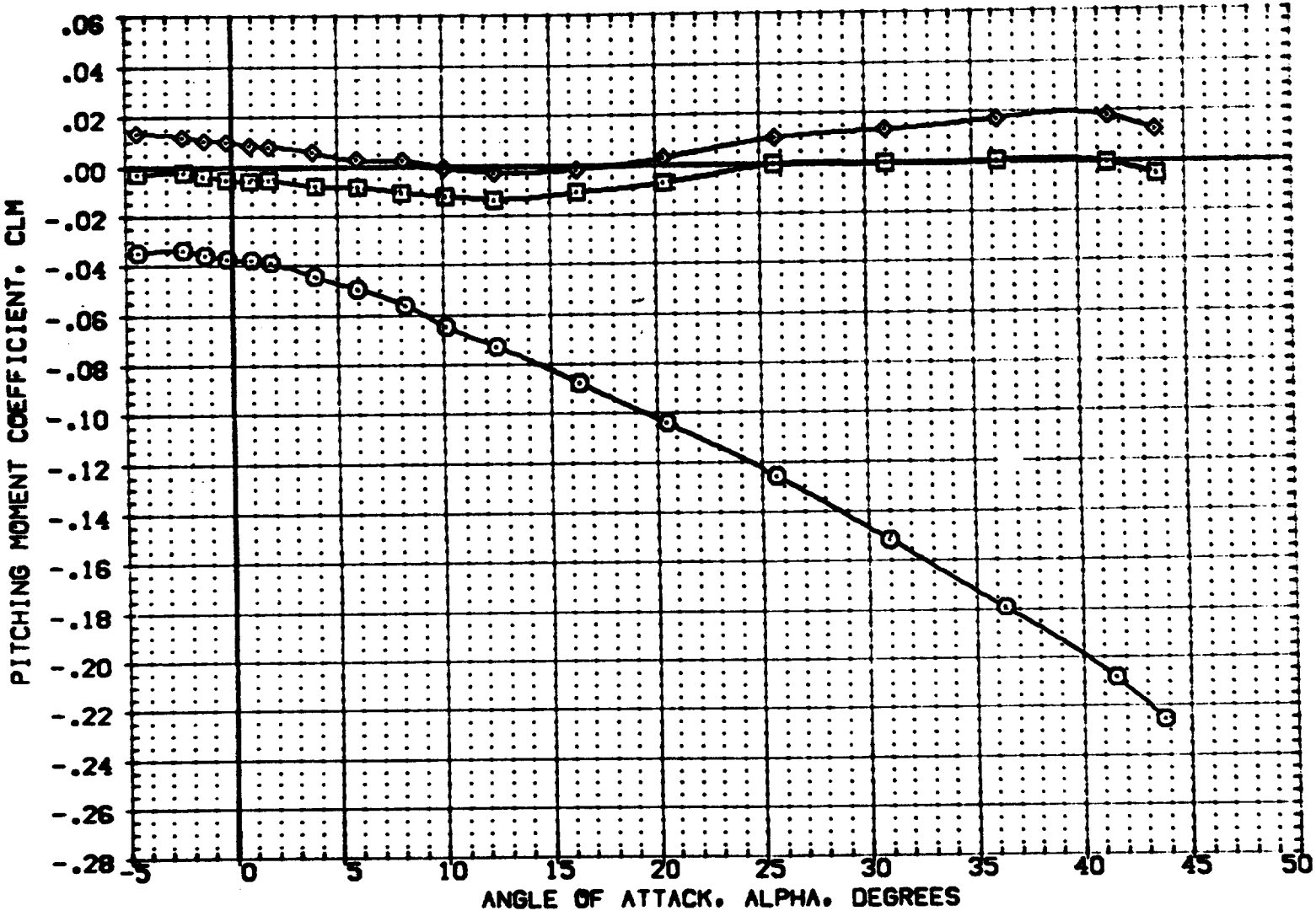


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOIRK	RUDDER
[illegible]		0A44 UPVT 1035 CONF-2A [illegible]	10.000	-13.730	54.920	.000
[illegible]		0A44 UPVT 1035 CONF-2A [illegible]	-20.000	-14.250	54.920	.000
[illegible]		0A44 UPVT 1035 CONF-2A [illegible]	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0802	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

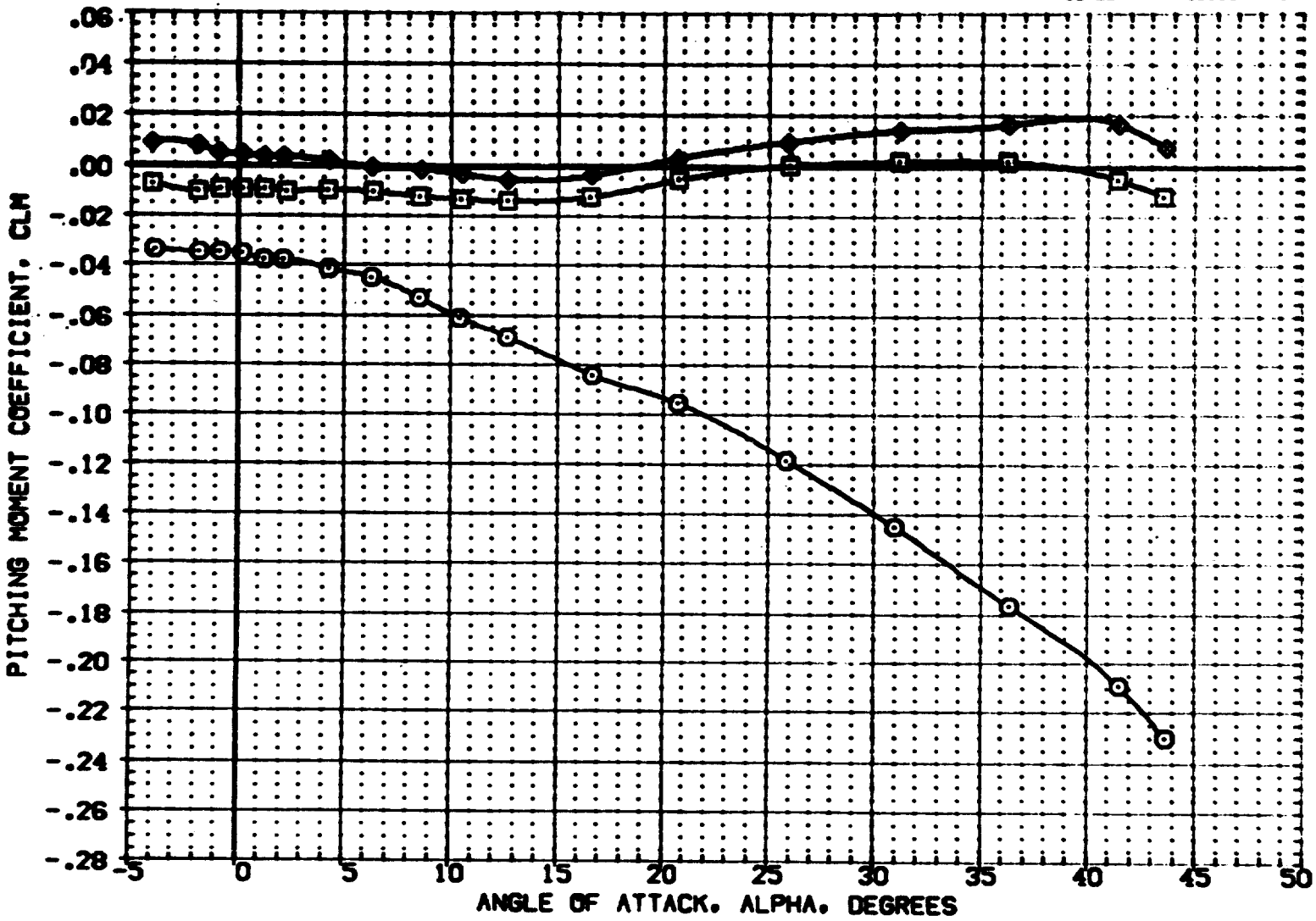


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	0A44 UPVT 1035 CONF-2A B10CS07MDF4W87E1B7SV5X16	10.000	13.750	54.920	.000
[illegible]	0A44 UPVT 1035 CONF-2A B10CS07MDF4W87E1B7SV5X16	-20.000	-14.250	54.920	.000
[illegible]	0A44 UPVT 1035 CONF-2A B10CS07MDF4W87E1B7SV5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1980	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

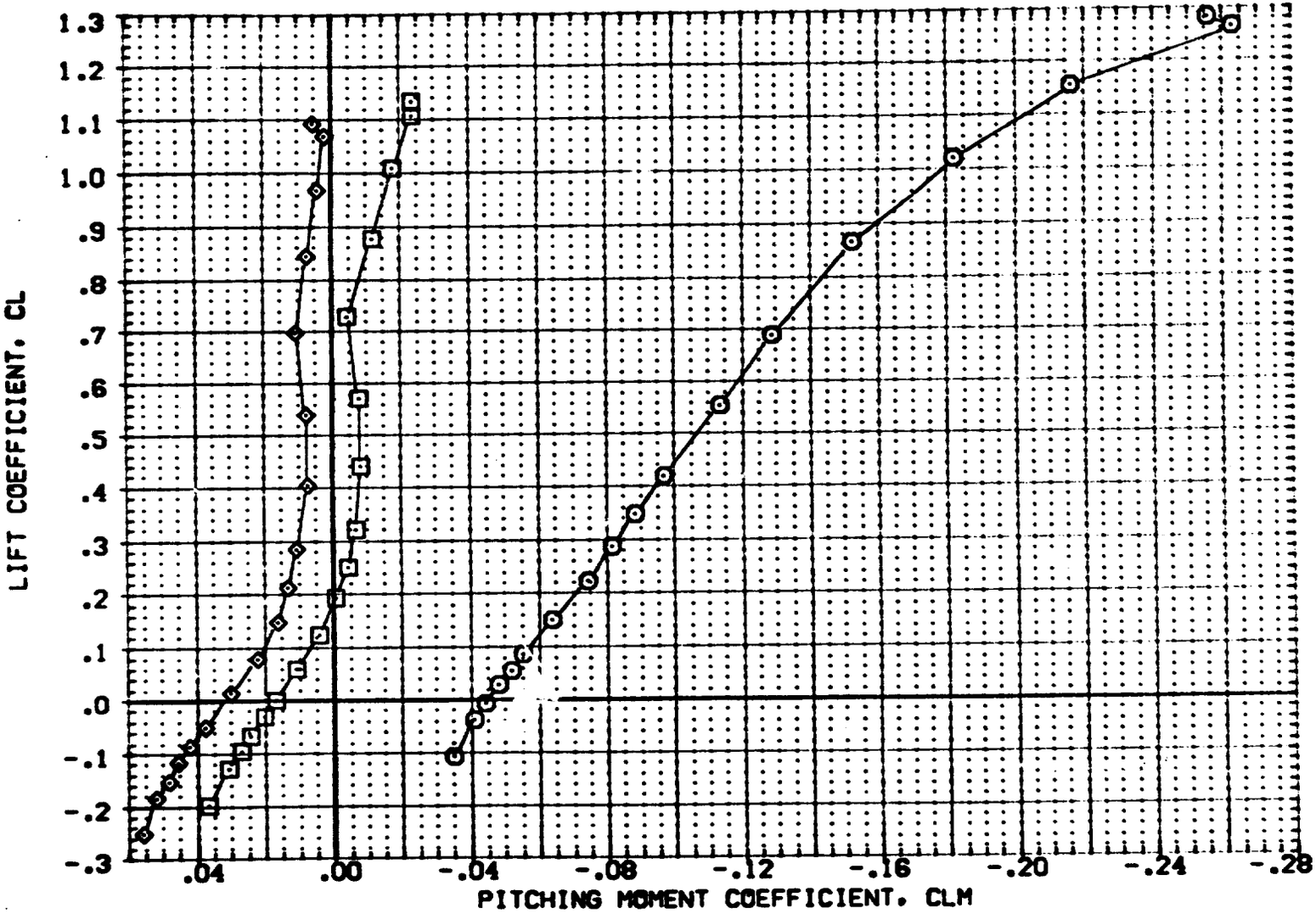


ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOIRK	RUDDER
[illegible]		0444 UPVT 1088 CONF-2A B10C507MGF4W87E1[illegible]V3X16	10.000	13.750	54.920	.000
[illegible]		0444 UPVT 1088 CONF-2A B10C507MGF4W87E1[illegible]V3X16	-20.000	-14.250	54.920	.000
[illegible]E01		0444 UPVT 1088 CONF-2A B10C507MGF4W87E1[illegible]V3X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



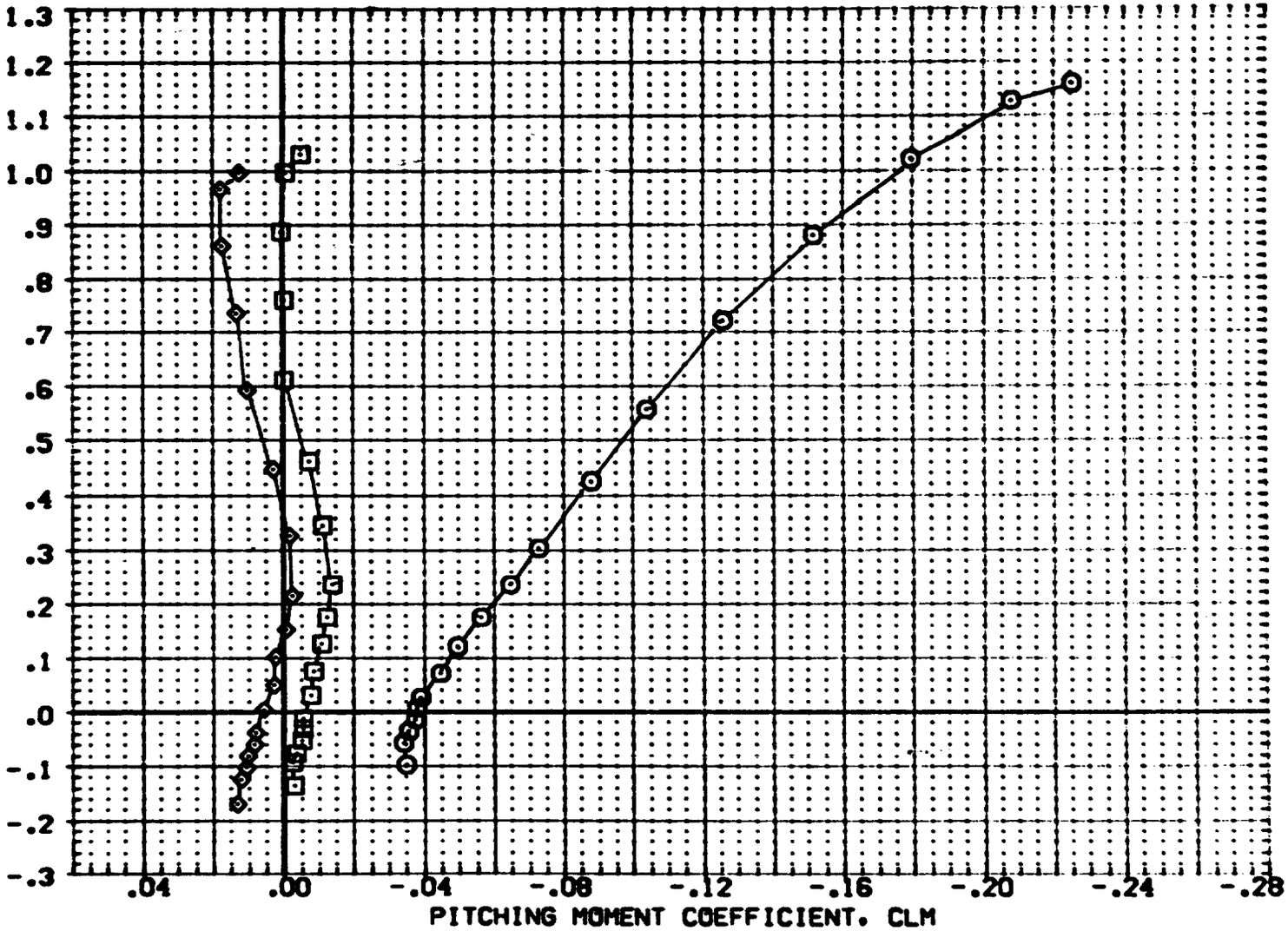
ELEVONS DEFLECTED -898 CONFIG

(A)MACH = 2.50

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[redacted]		0A44 UPVT 1035 CONF-2A B10C307MCF4V87E18R5V5X16	10.000	13.750	54.920	.000
[redacted]		0A44 UPVT 1035 CONF-2A B10C307MCF4V87E18R5V5X16	-20.000	-14.250	54.920	.000
[redacted]		0A44 UPVT 1035 CONF-2A B10C307MCF4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

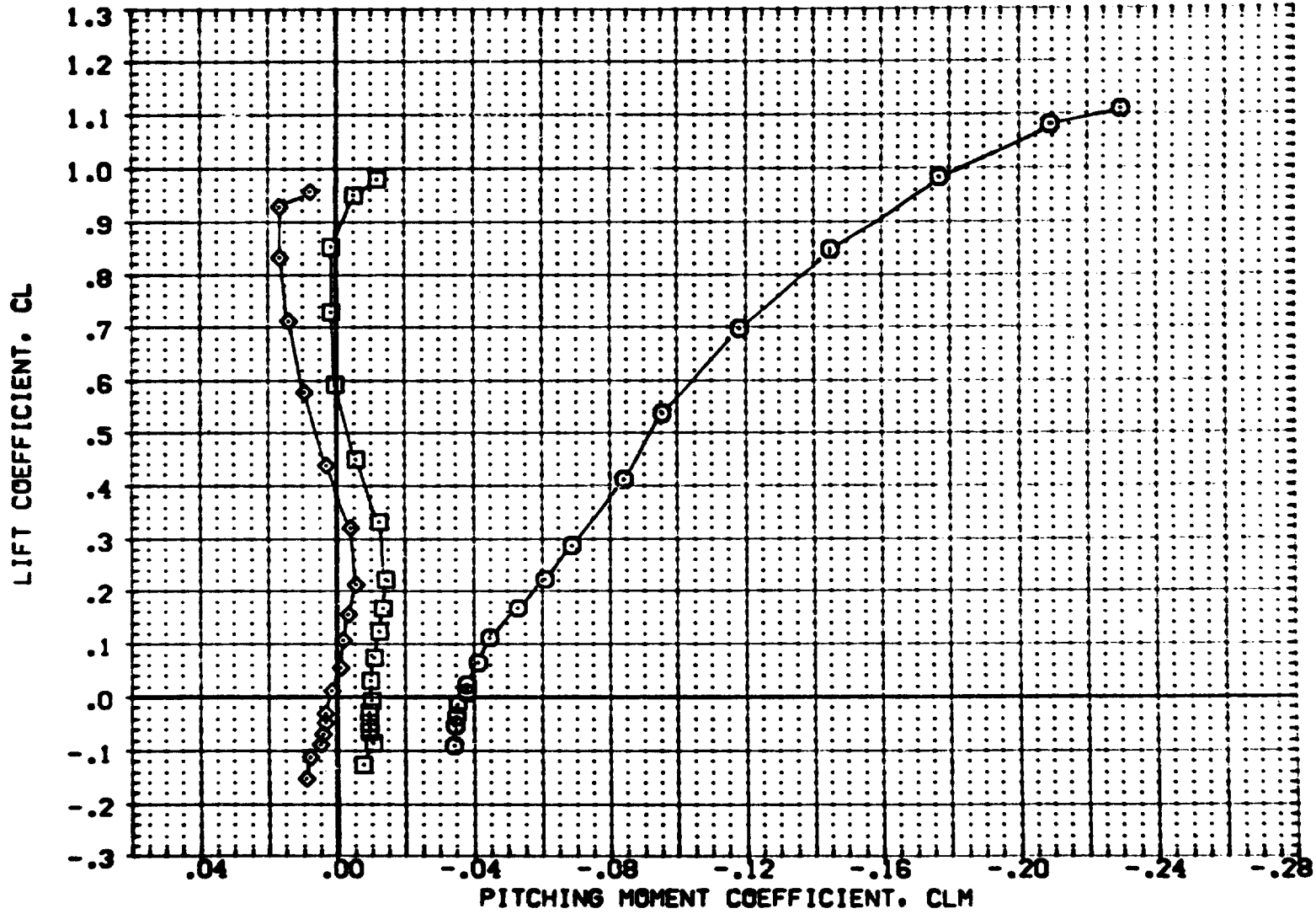


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE05)	○	0A44 UPVT 1035 CONF-2A B10C307MGF4W87E1BR5V5X16	10.000	13.750	54.920	.000
(RPNE08)	□	0A44 UPVT 1035 CONF-2A B10C307MGF4W87E1BR5V5X16	-20.000	-14.250	54.920	.000
(RPNE04)	◇	0A44 UPVT 1035 CONF-2A B10C307MGF4W87E1BR5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

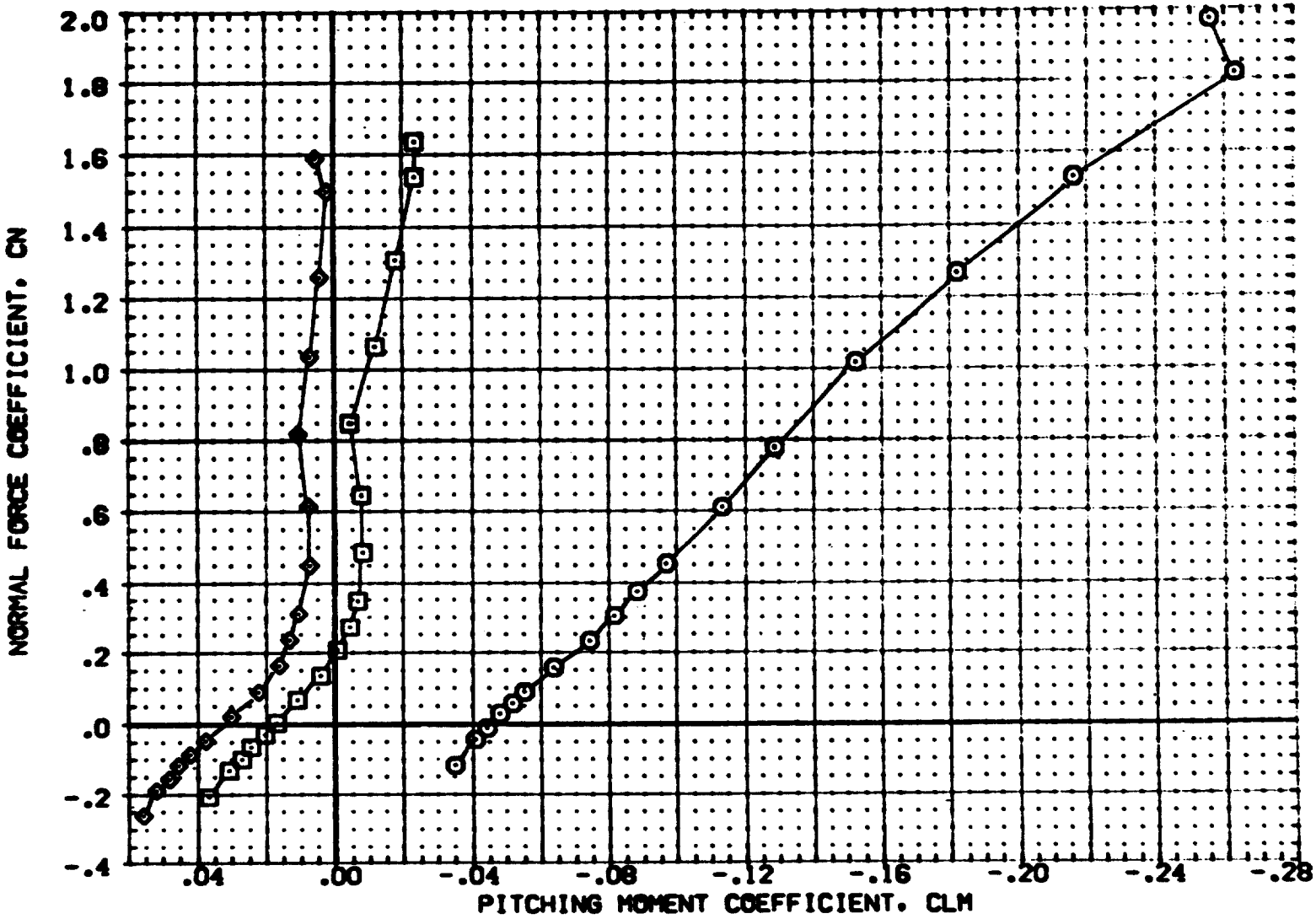


ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]		0A44 UPVT 1085 CONF-2A B10C30/70CF4W87E1B5BV5X16	10.000	13.730	54.820	.000
[illegible]		0A44 UPVT 1085 CONF-2A B10C30/70CF4W87E1B5BV5X16	-30.000	-14.230	54.820	.000
[illegible]		0A44 UPVT 1085 CONF-2A B10C30/70CF4W87E1B5BV5X16	-40.000	-14.230	54.820	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0802	INCHES
XMRP	13.1480	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

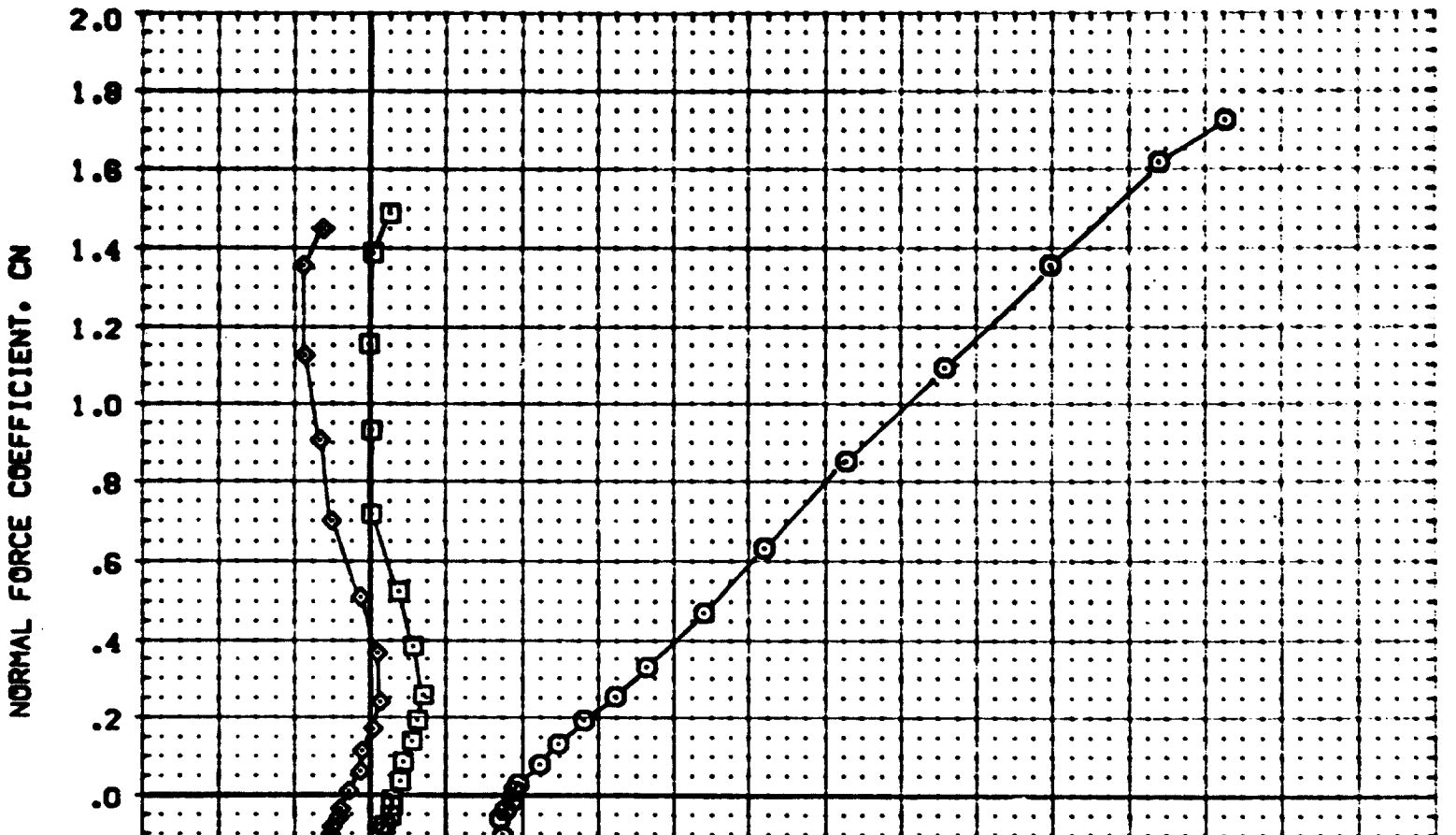


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

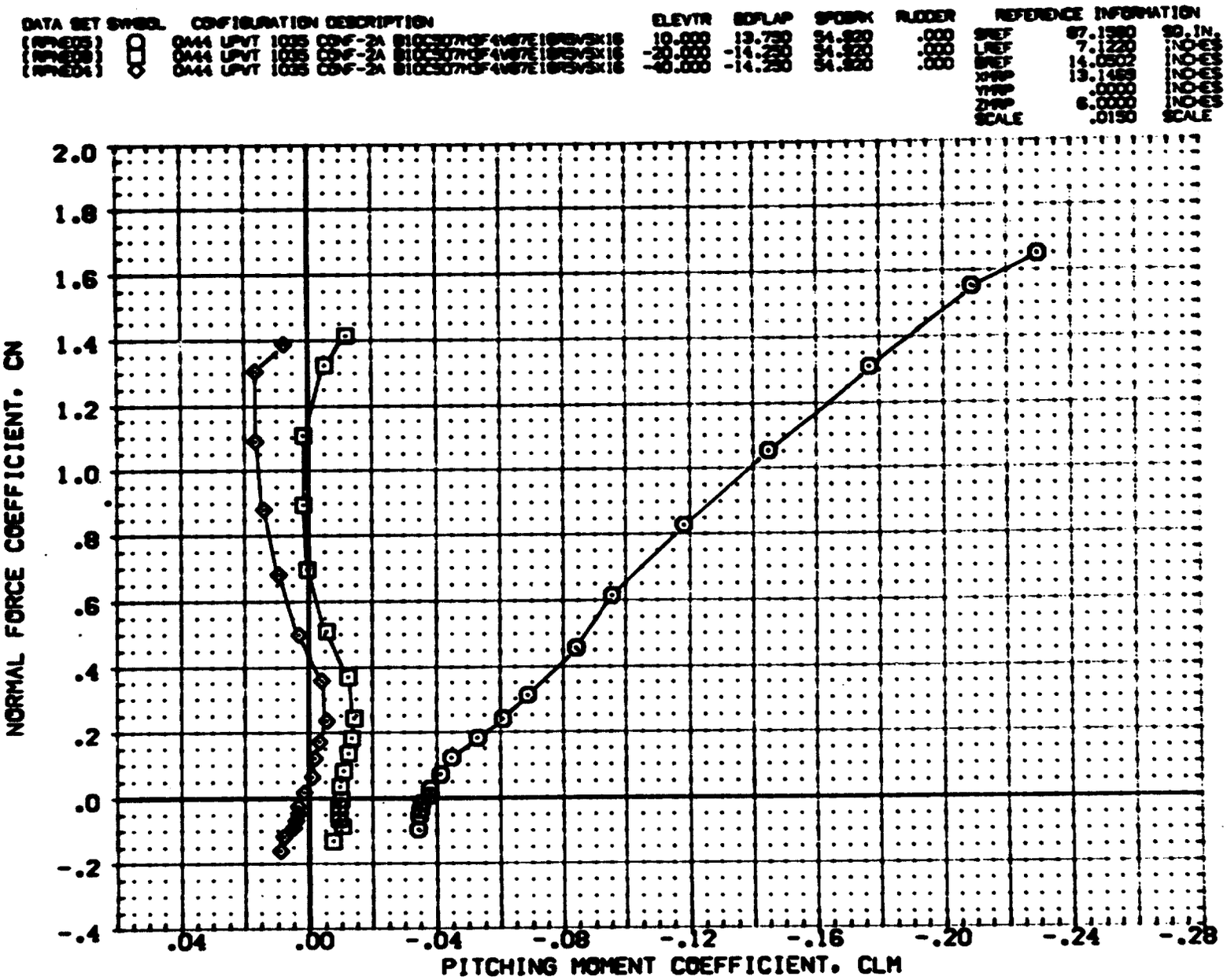
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RFNEDS)	○	0A44 UPVT 1088 CONF-2A [illegible]	10.000	13.750	54.920	.000
(RFNEDS)	□	0A44 UPVT 1088 CONF-2A [illegible]	-40.000	-14.250	54.920	.000
(RFNEDS)	◇	0A44 UPVT 1088 CONF-2A [illegible]	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0190	SCALE



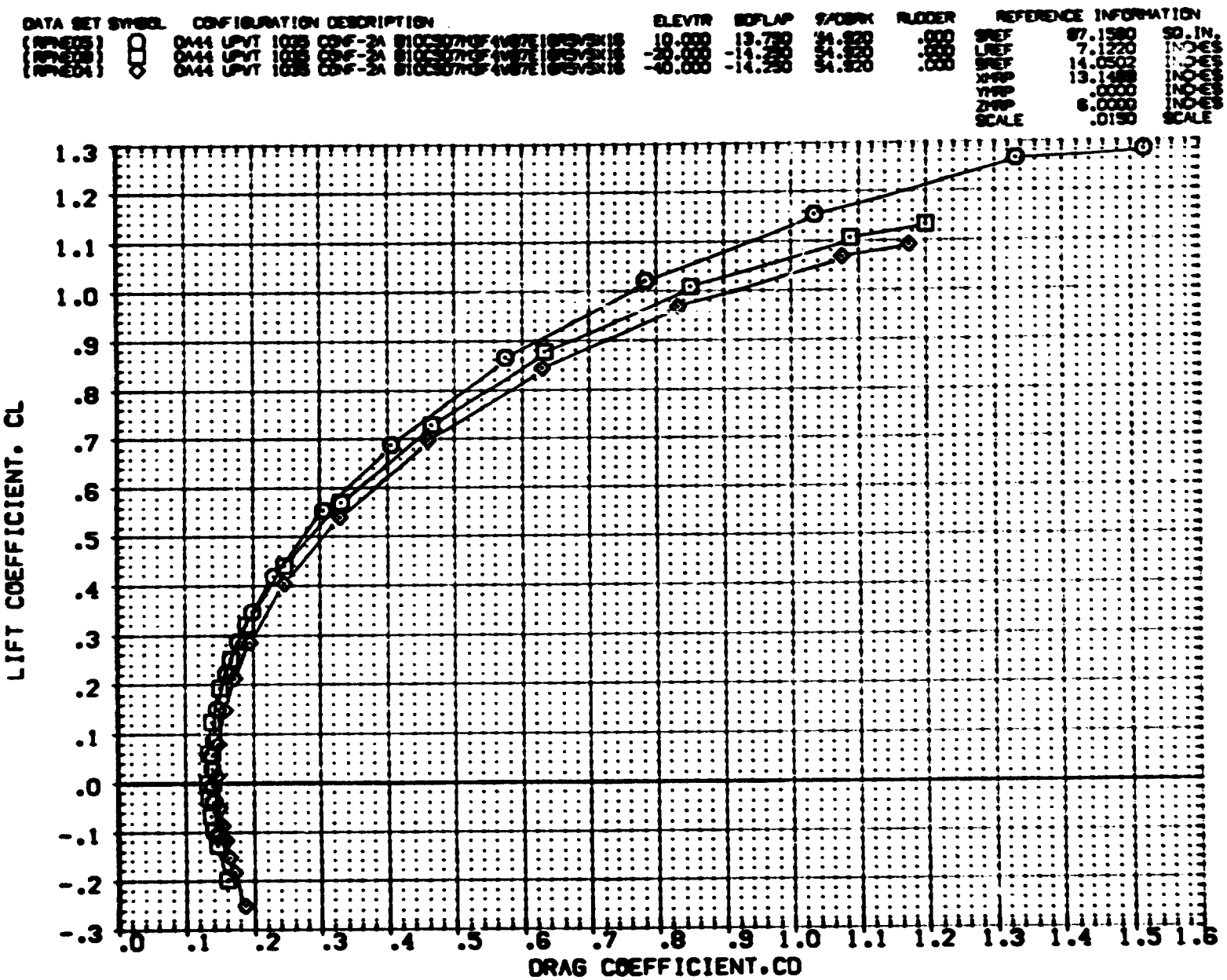
ELEVONS DEFLECTED -898 CONFIG

(B)MACH = 3.90



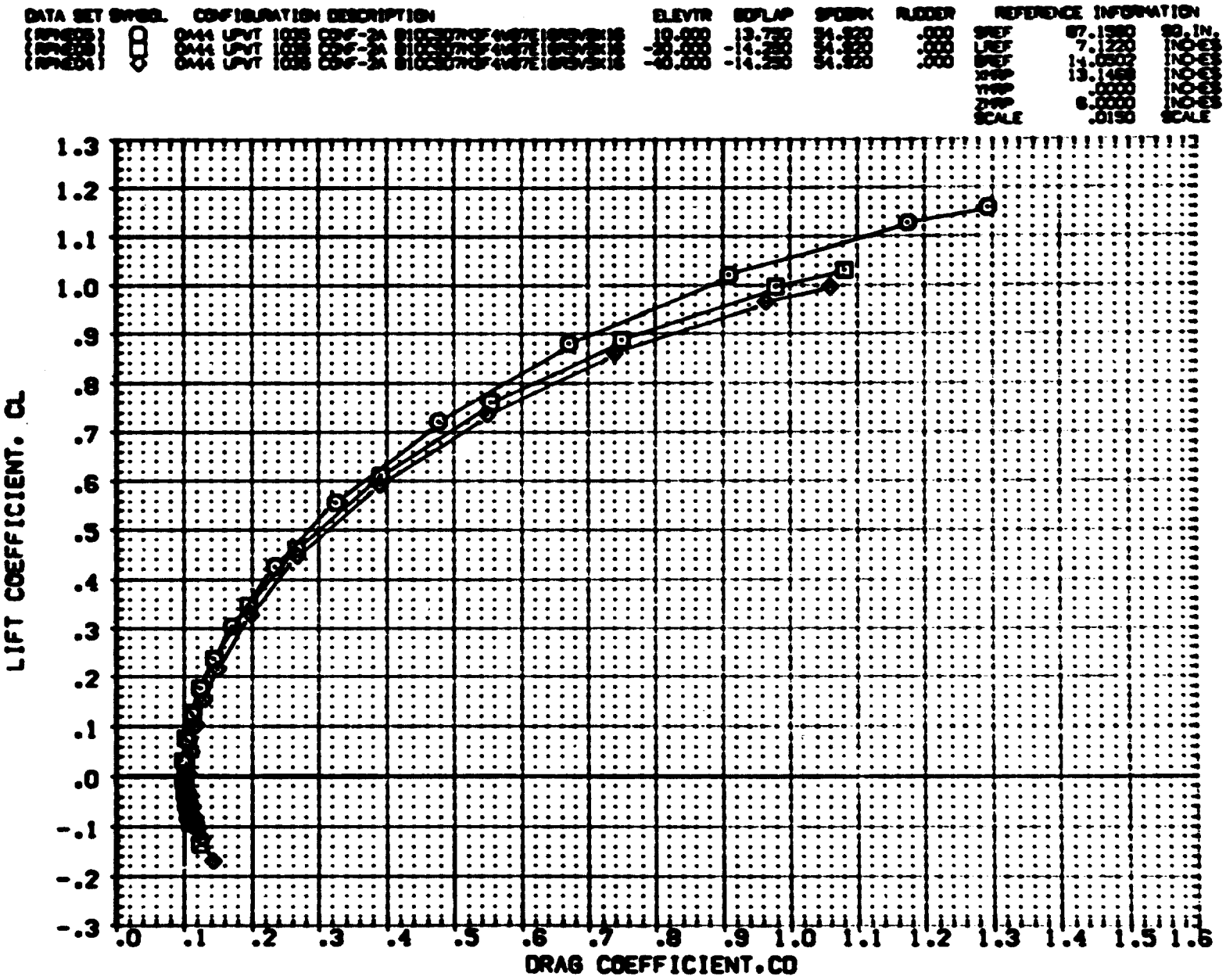
ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60



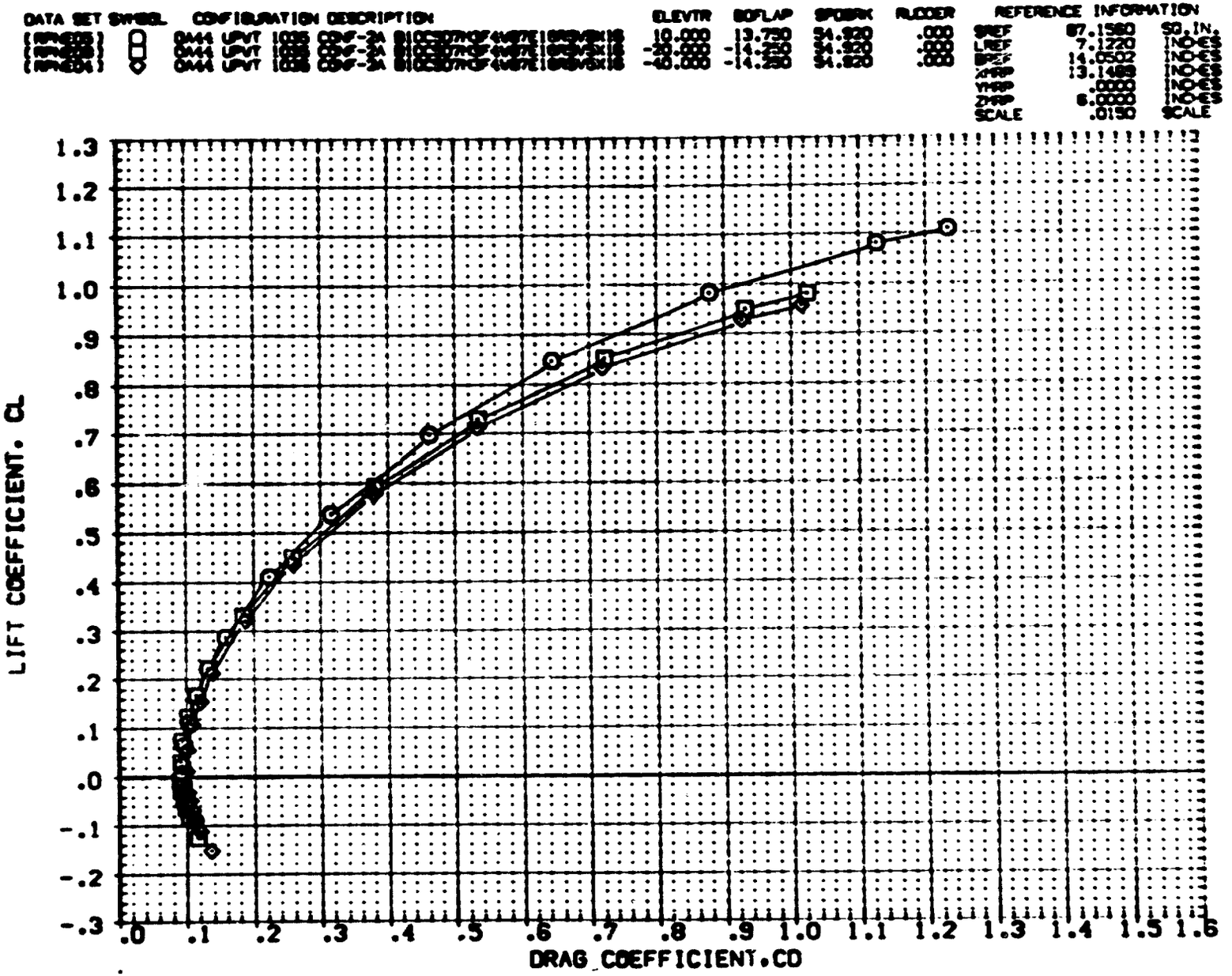
ELEVONS DEFLECTED -898 CONFIG

(A)MACH = 2.50



ELEVONS DEFLECTED -898 CONFIG

(B)MACH = 3.90

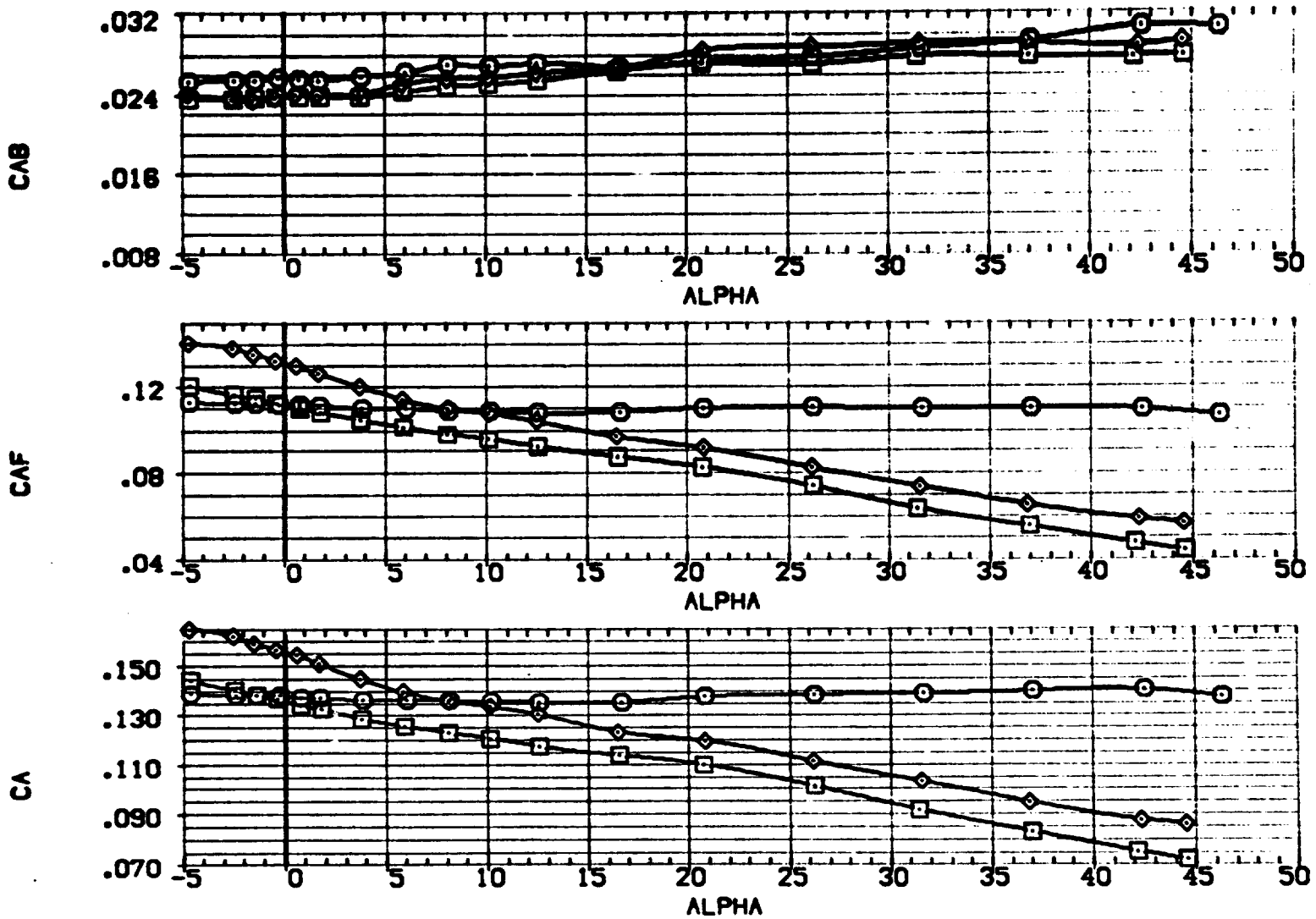


ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP05)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



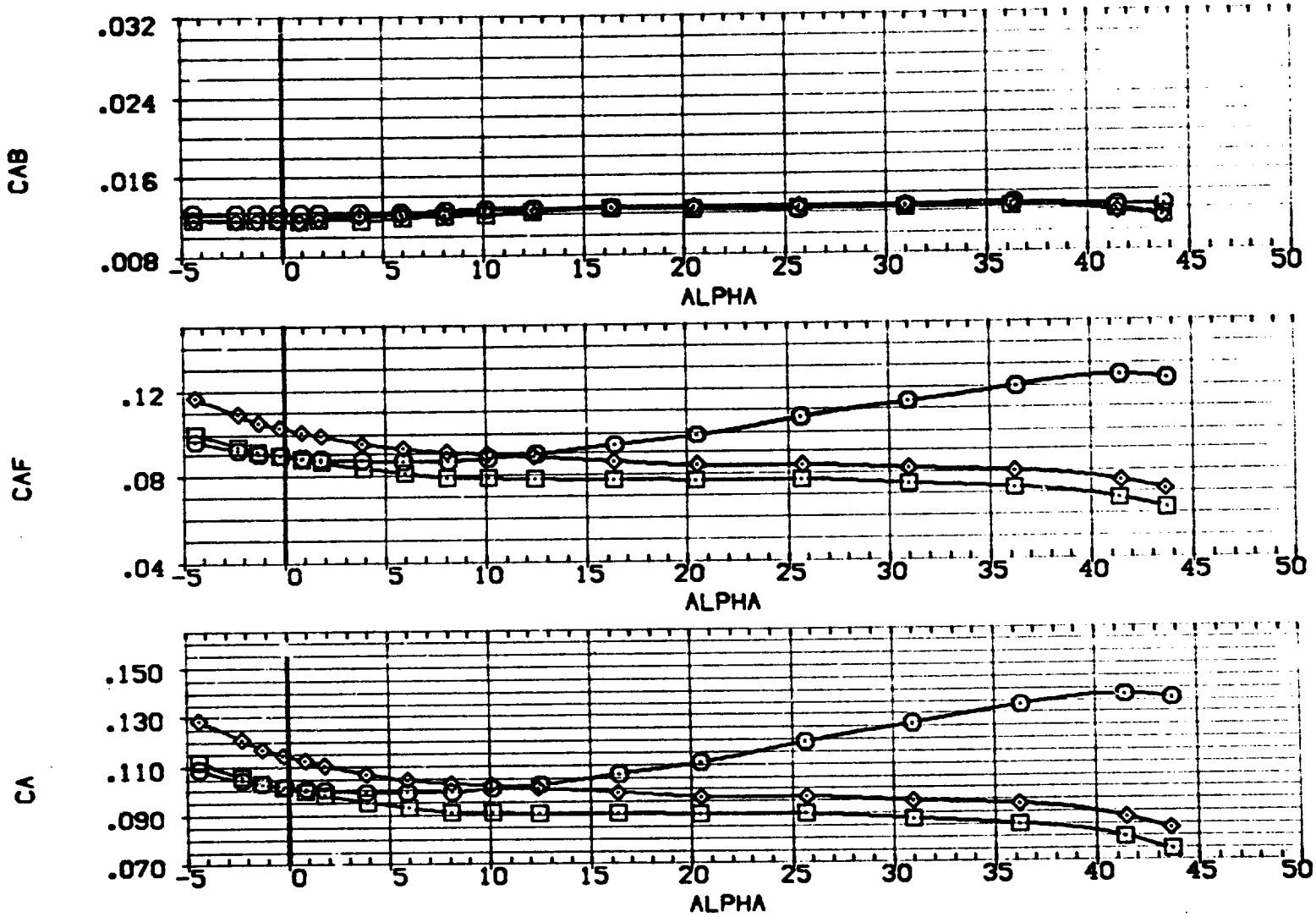
ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNP05] ○	0A44 UPVT 1035 CONF-2A B10CS07M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
[RPNP03] □	0A44 UPVT 1035 CONF-2A B10CS07M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
[RPNP04] ◇	0A44 UPVT 1035 CONF-2A B10CS07M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

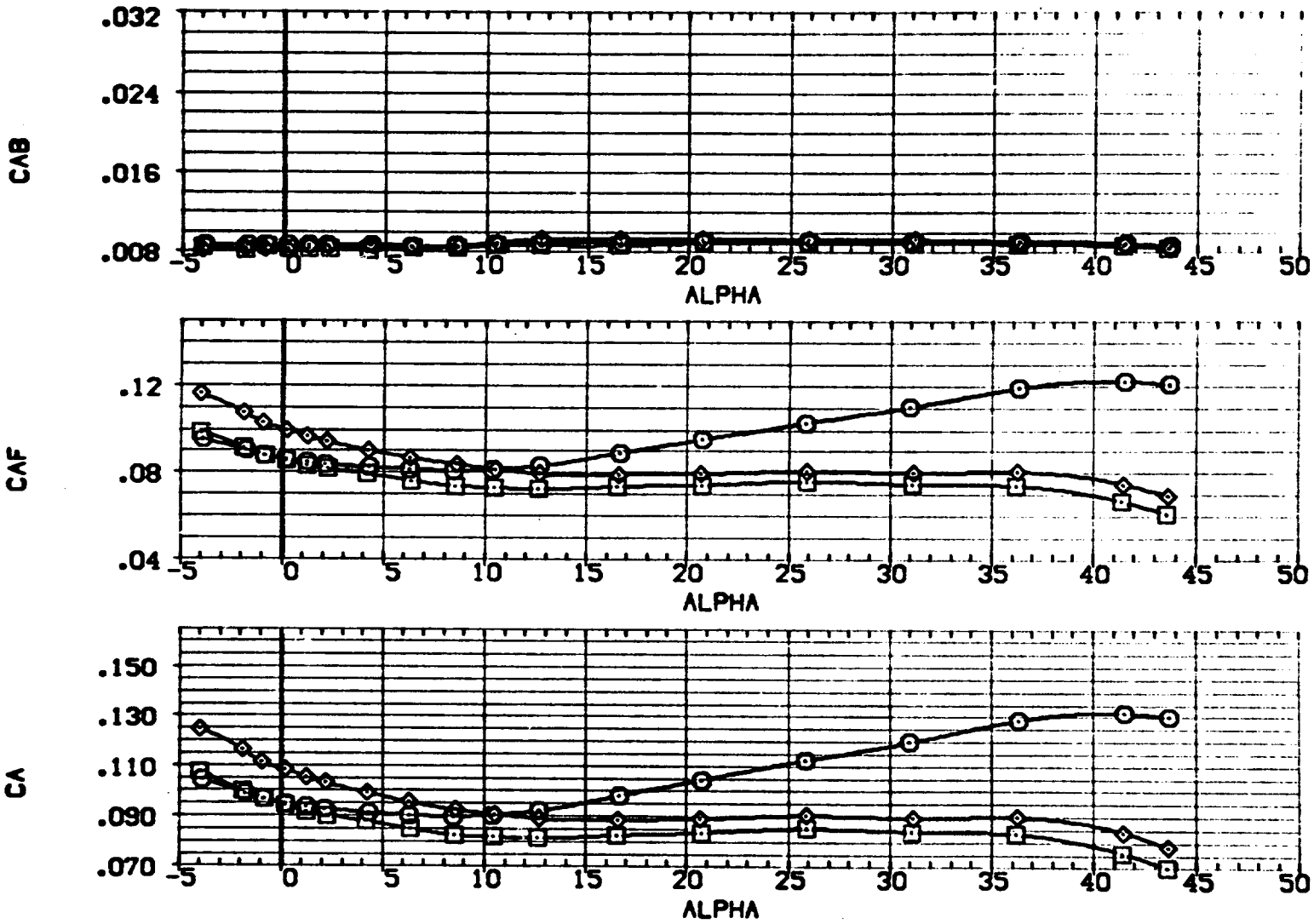


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP05)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

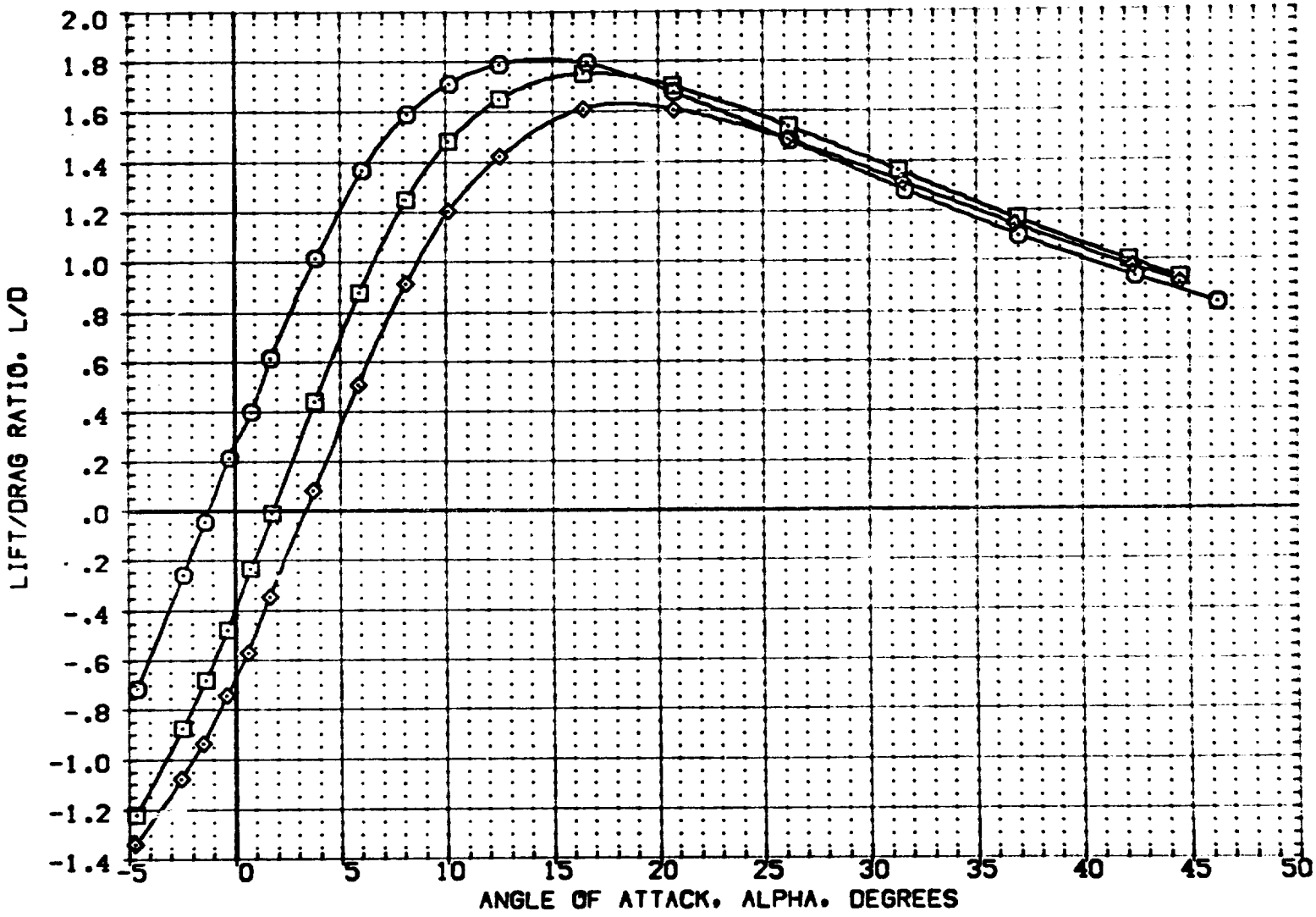


ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNP05)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

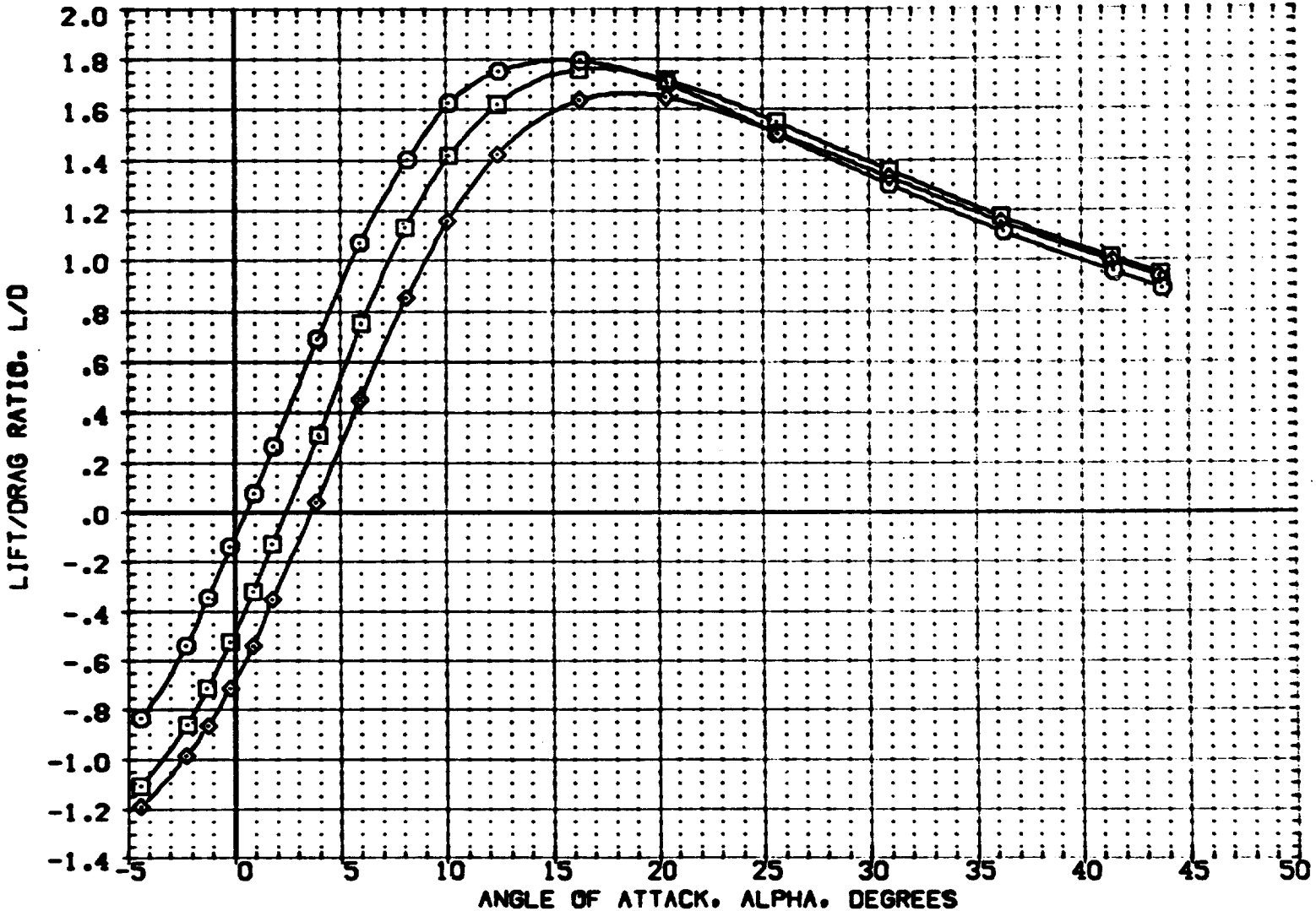


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP05)	⊓	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	⊓	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

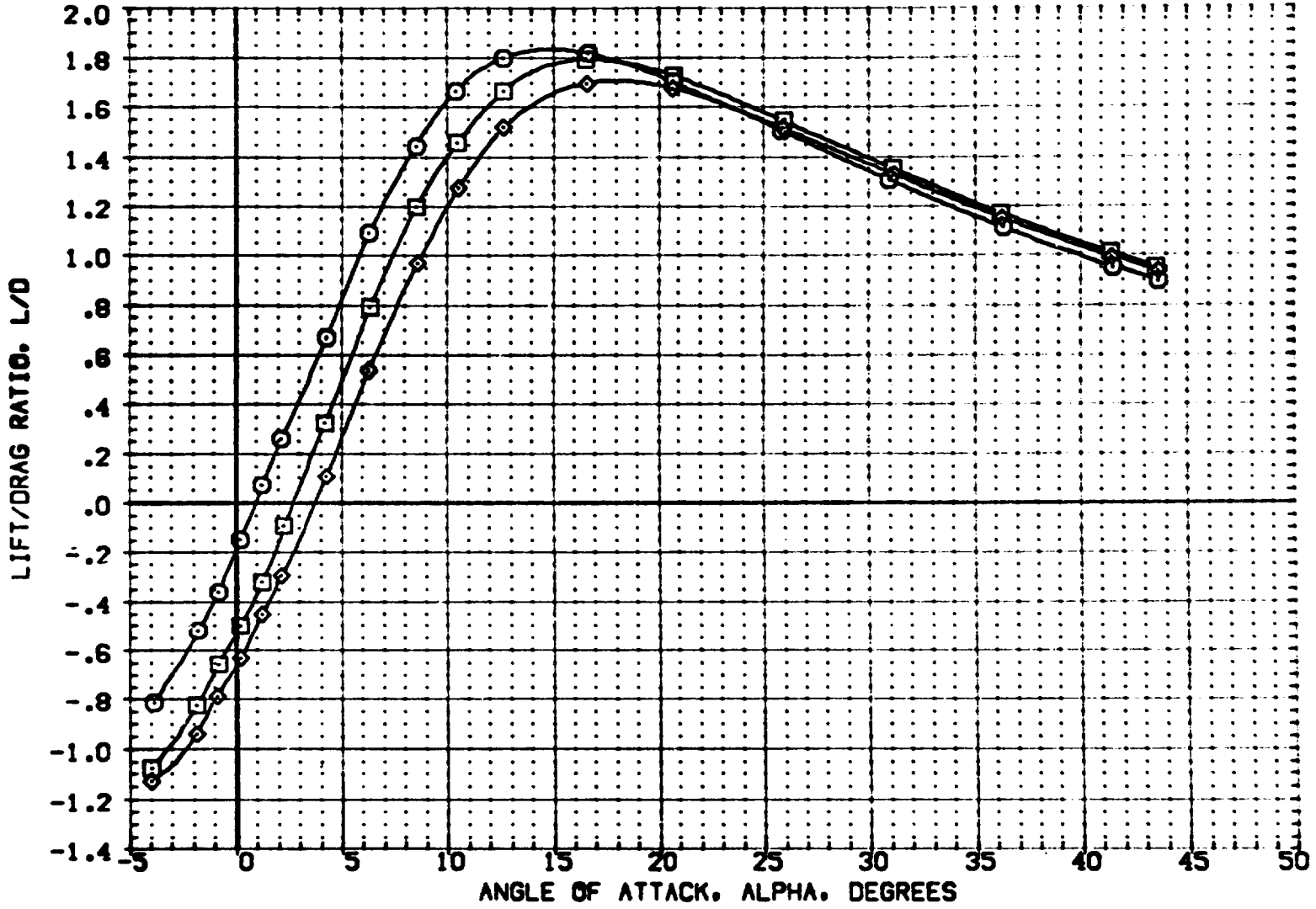


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

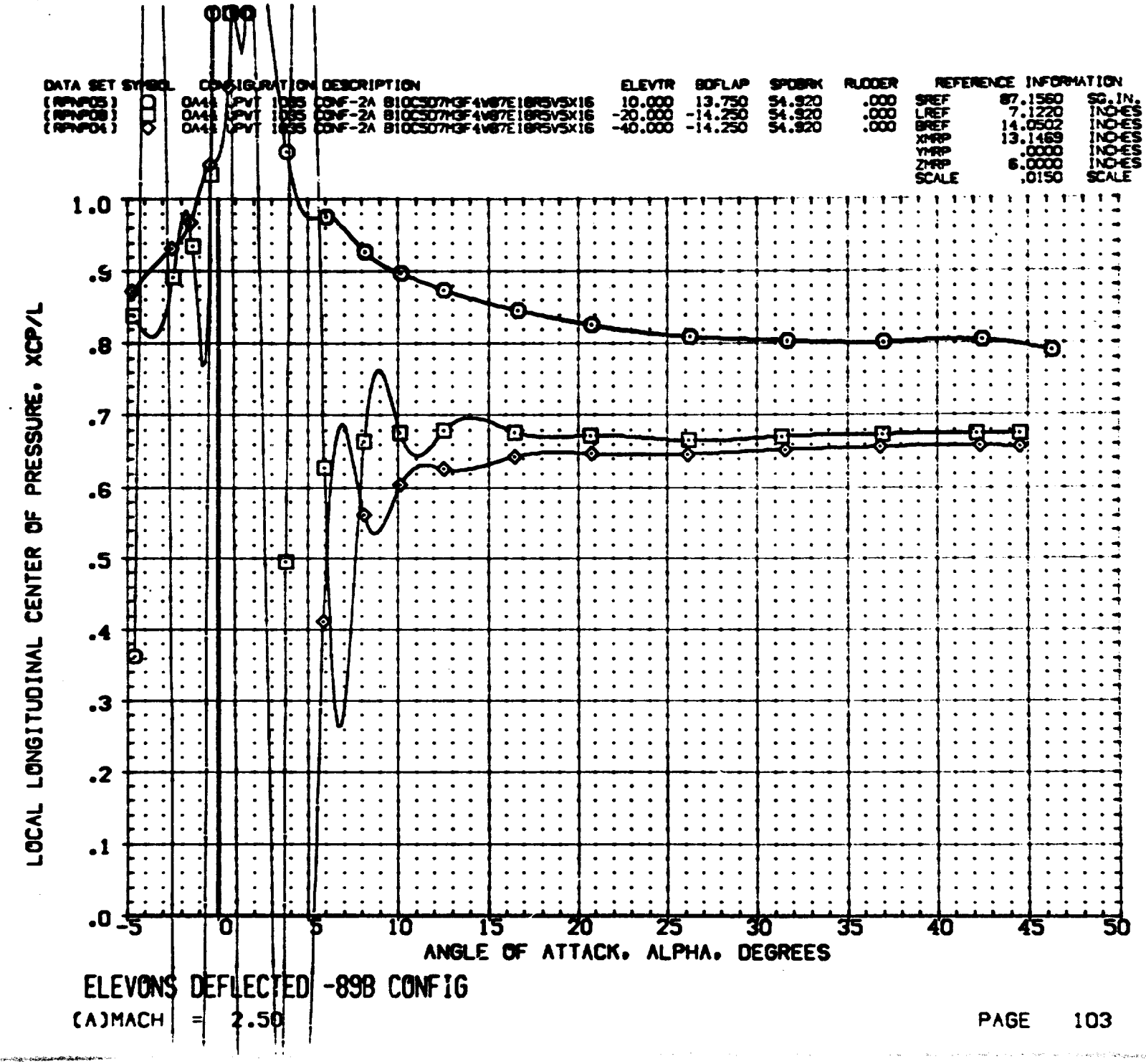
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNP05)	○	0A44 UPVT 1035 CONF-2A B10C507MGF4W87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 UPVT 1035 CONF-2A B10C507MGF4W87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPVT 1035 CONF-2A B10C507MGF4W87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

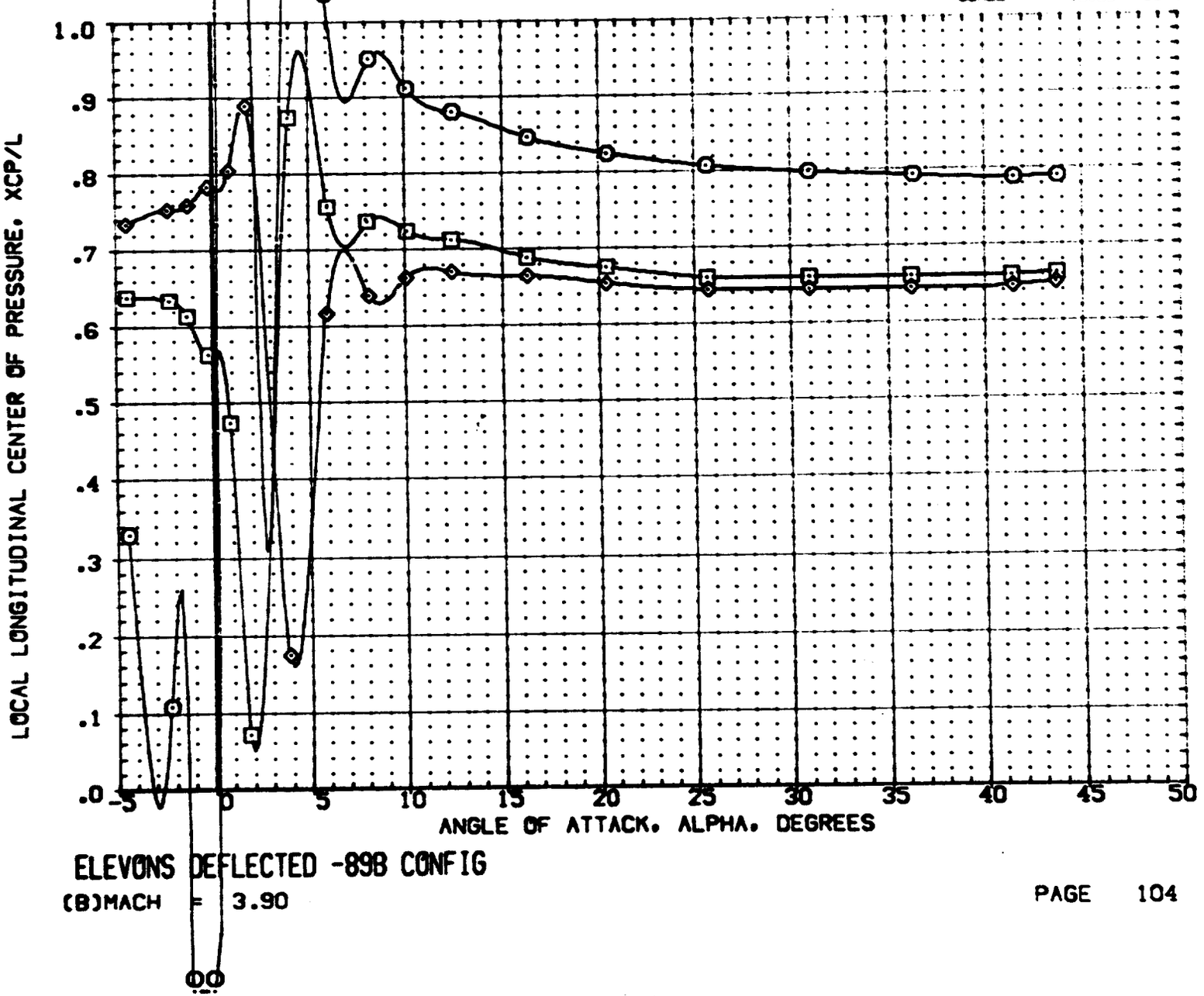


ELEVONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP05)	○	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

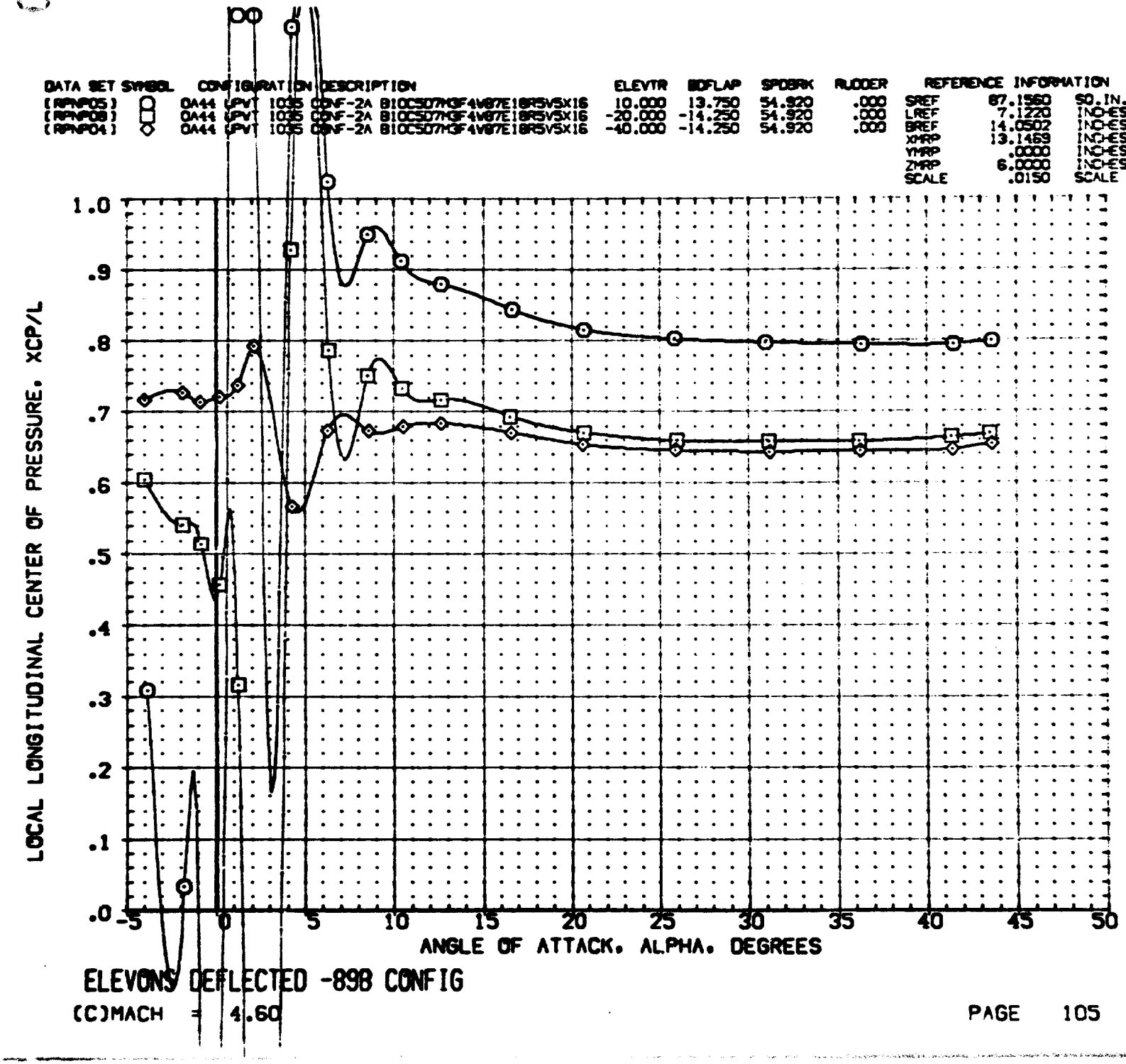


ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP05)	□	0A44 (PVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPNP08)	□	0A44 (PVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPNP04)	◇	0A44 (PVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

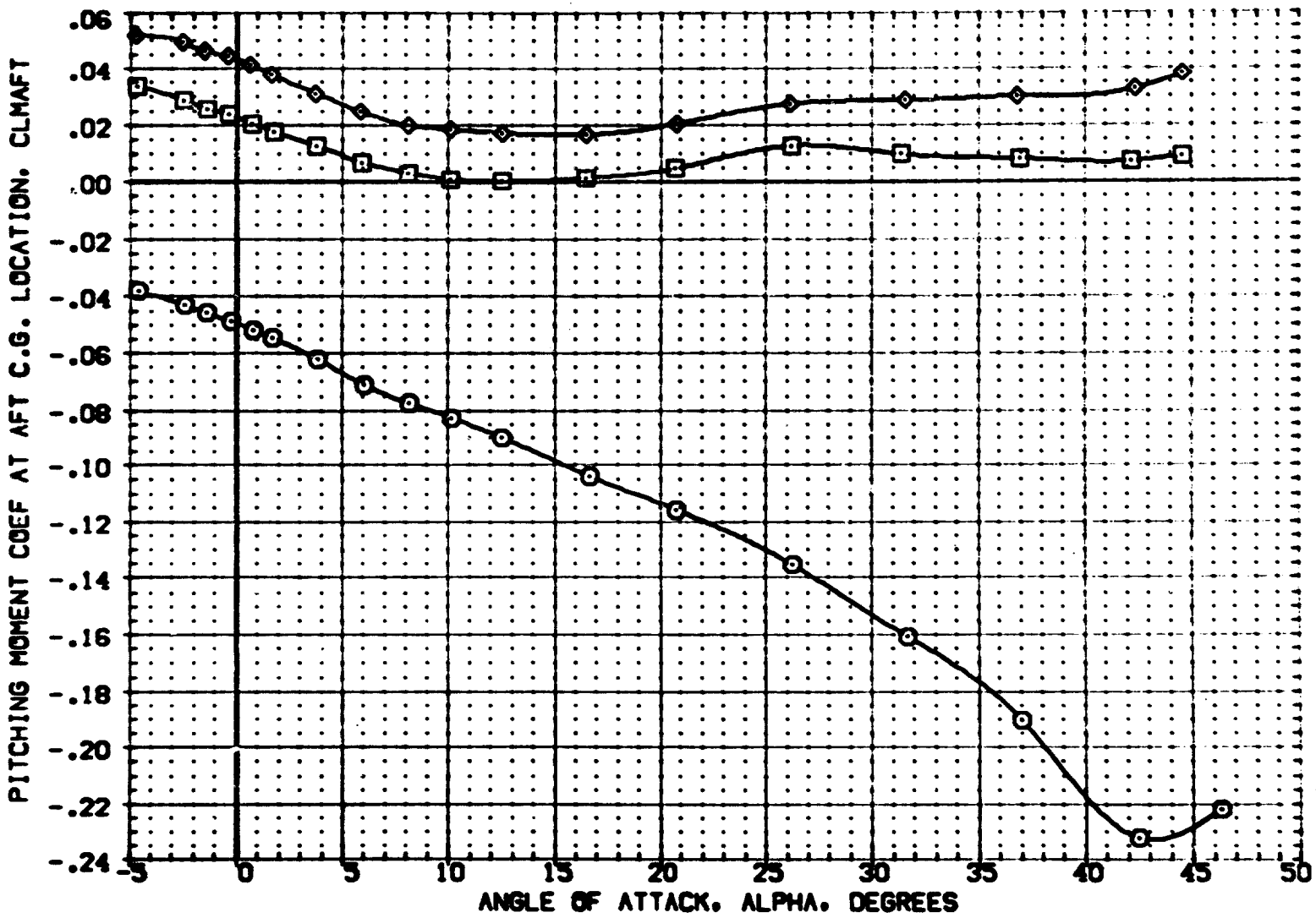


ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
(HPN205)	○	0A44 UPVT 1035 CONF-2A B10C507HCF4VB7E16R5V5X16	10.000	13.750	54.920	.000
(HPN208)	□	0A44 UPVT 1035 CONF-2A B10C507HCF4VB7E16R5V5X16	-20.000	-14.250	54.920	.000
(HPN204)	◇	0A44 UPVT 1035 CONF-2A B10C507HCF4VB7E16R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5800	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0038	INCHES
SCALE	.0150	SCALE

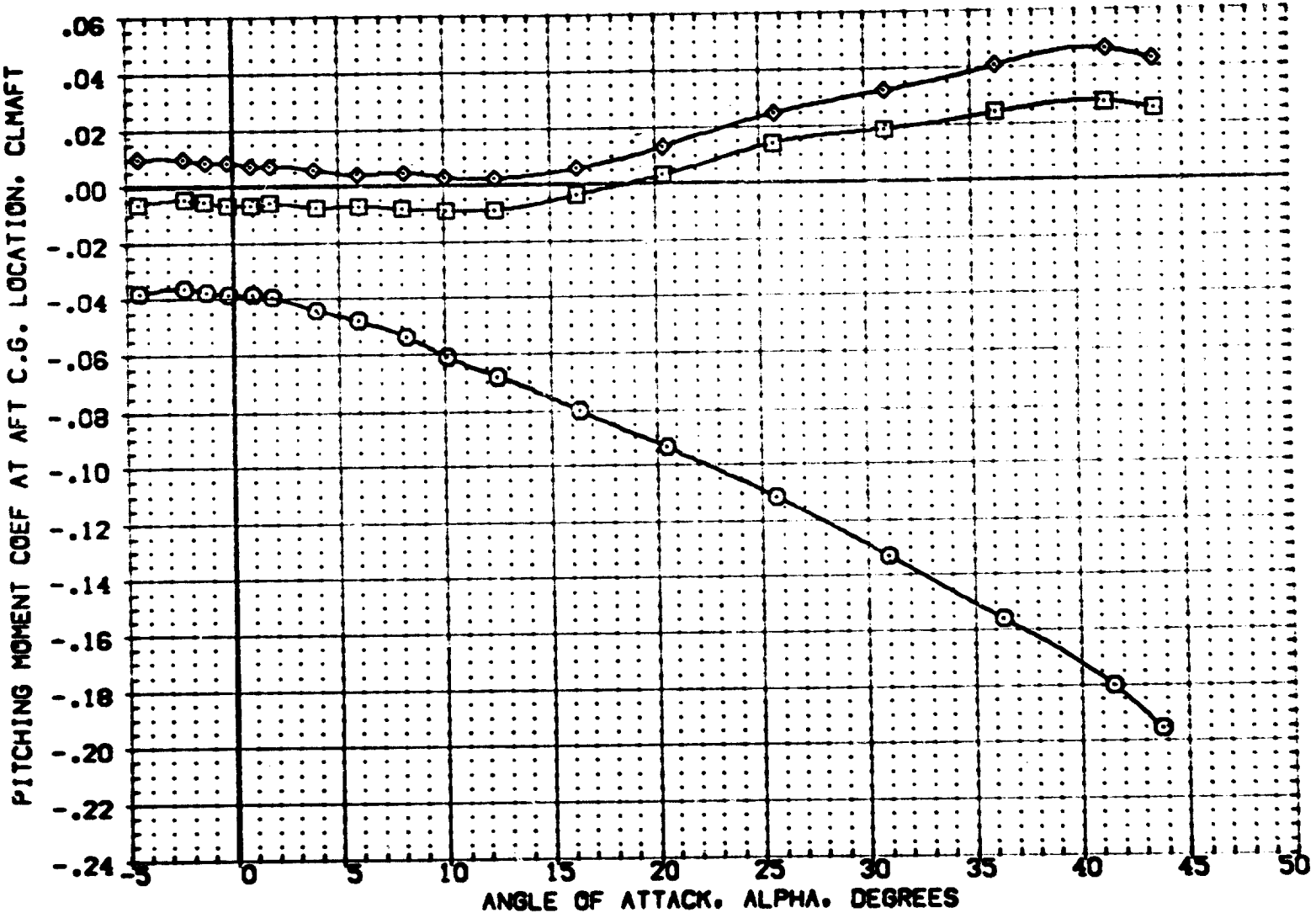


ELEVONS DEFLECTED -898 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	○	0A44 UPVT 1035 CONF-2A B10C307/HDF4V87E18R5V5X16	10.000	13.750	54.820	.000
[illegible]	□	0A44 UPVT 1035 CONF-2A B10C307/HDF4V87E18R5V5X16	-20.000	-14.250	54.820	.000
[illegible]	◇	0A44 UPVT 1035 CONF-2A B10C307/HDF4V87E18R5V5X16	-40.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



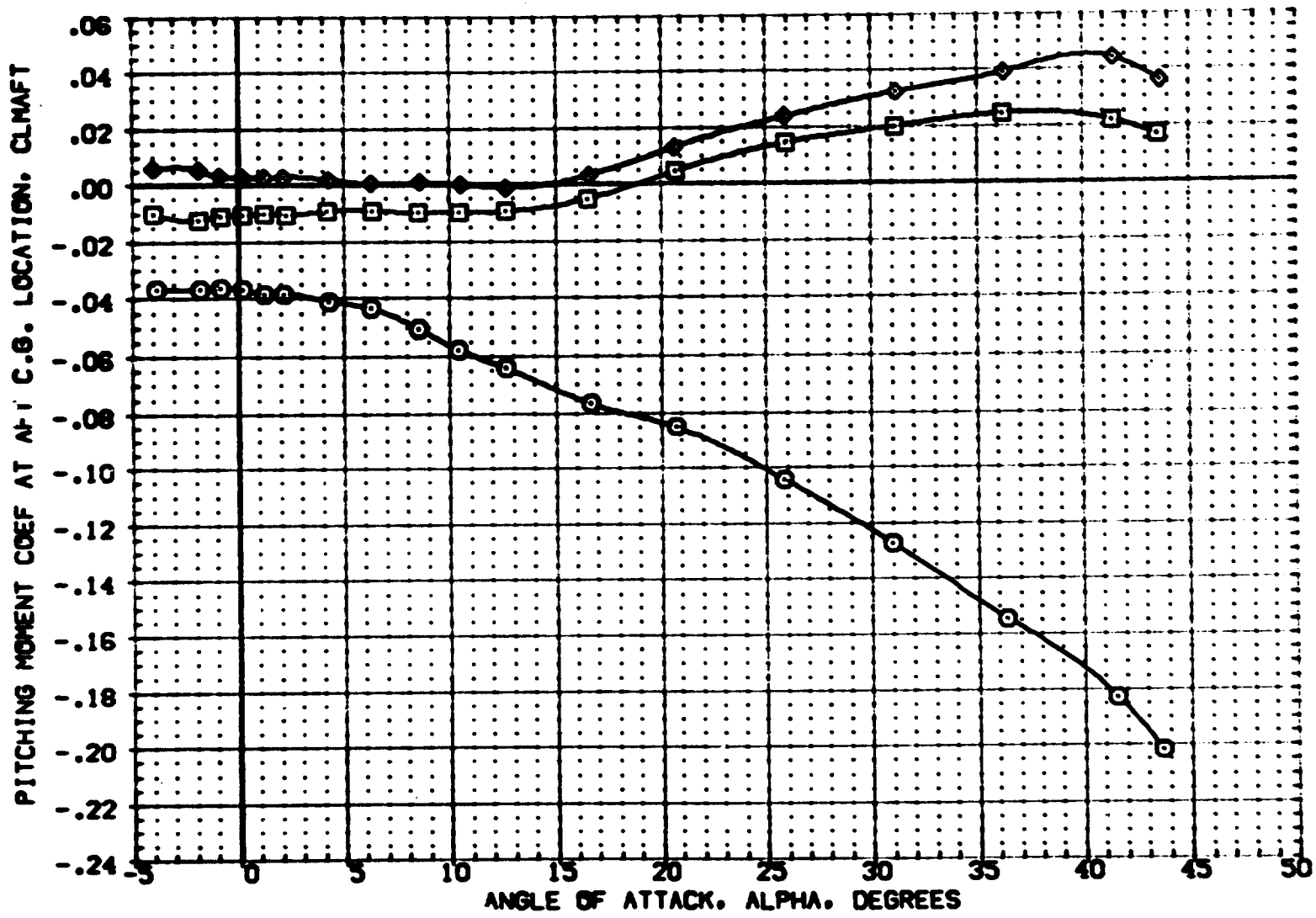
ELEVONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	○	0A44 UPVT 1085 CONF-2A B10C307HDF4VB7E1BRSVSX16	10.000	13.730	54.920	.000
[illegible]	□	0A44 UPVT 1085 CONF-2A B10C307HDF4VB7E1BRSVSX16	-20.000	-14.250	54.920	.000
[illegible]	◇	0A44 UPVT 1085 CONF-2A B10C307HDF4VB7E1BRSVSX16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.9600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

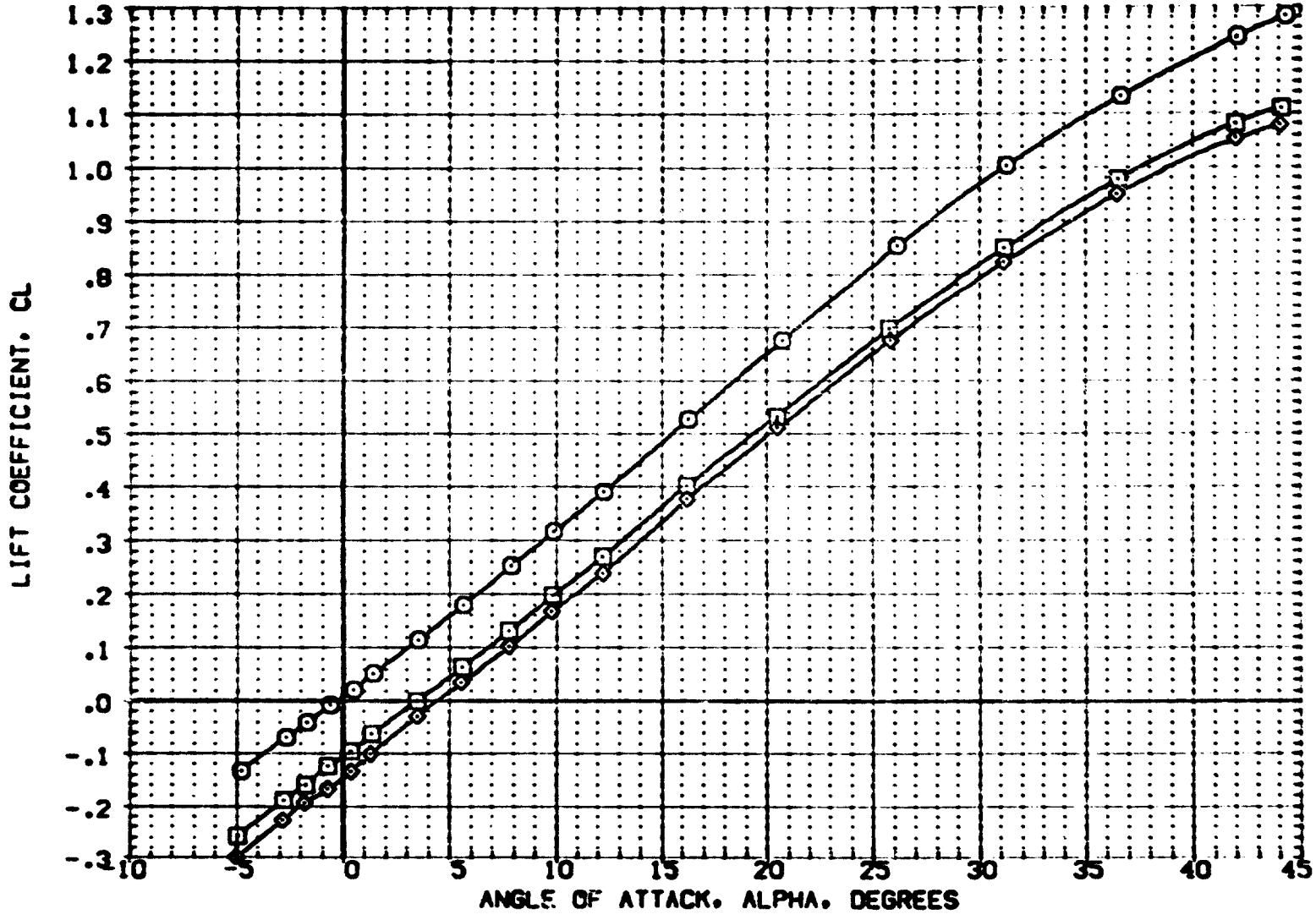


ELEVONS DEFLECTED -898 CONFIG

(C)MACH = 4.60

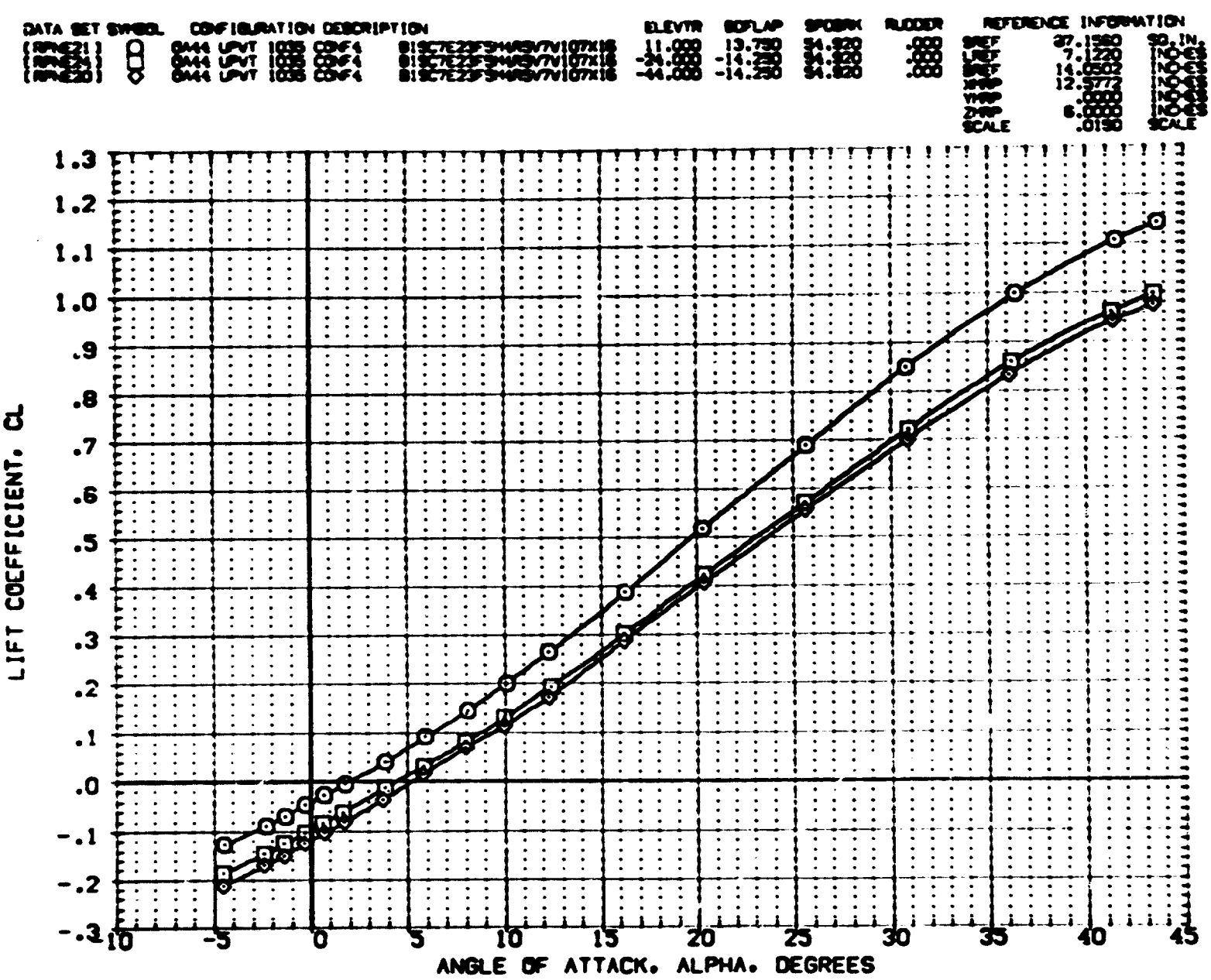
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE21)	□	0444 UPVT 1085 CONF4 B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0444 UPVT 1085 CONF4 B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE30)	◇	0444 UPVT 1085 CONF4 B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

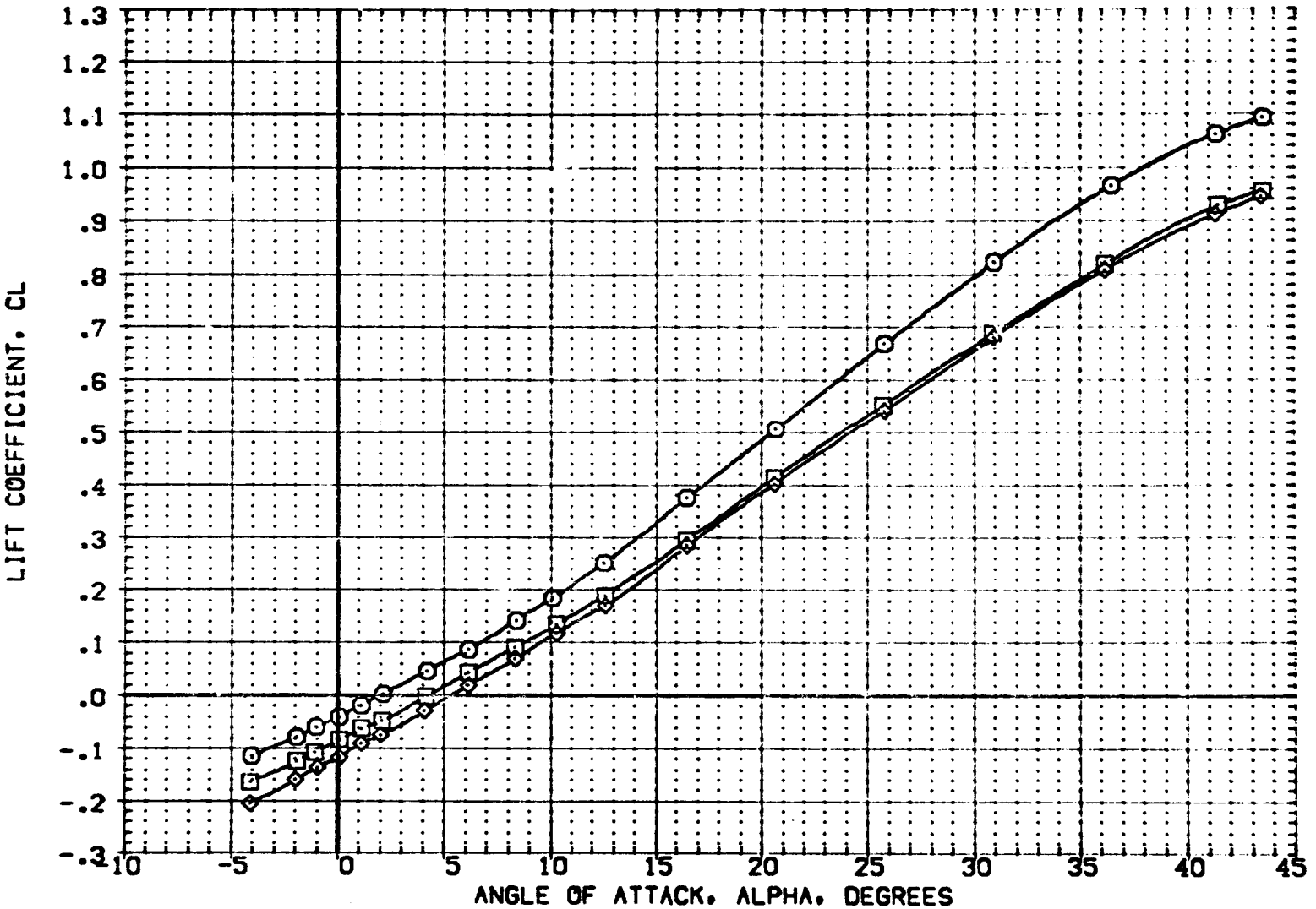


ELEVONS DEFLECTED -1398 CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
[RPNE21]	○	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
[RPNE24]	□	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
[RPNE20]	◇	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

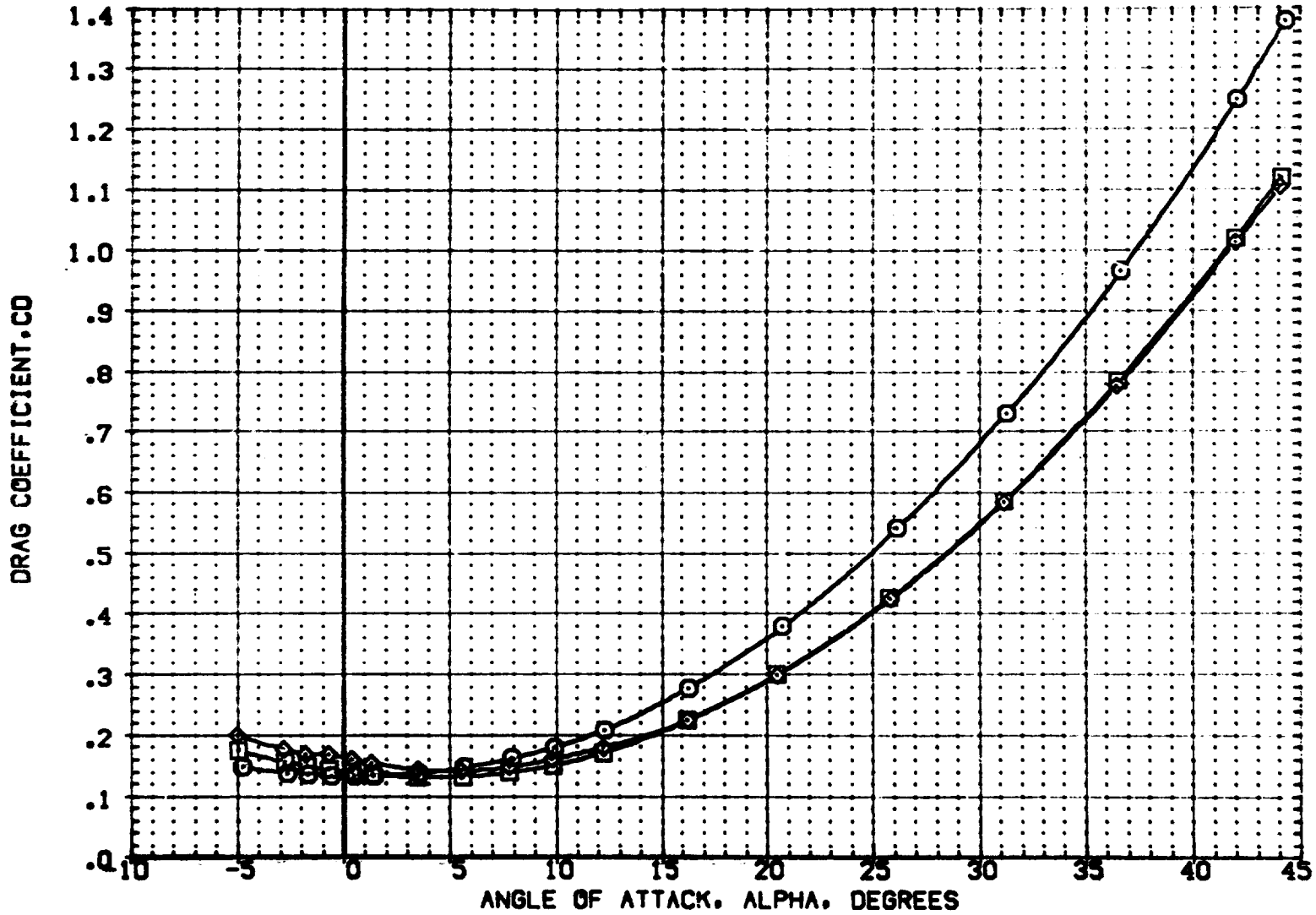


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	□	BA44 UPVT 1005 CONF4 B1BC7E23F3H4RBV7V107X16	11.000	13.730	54.820	.000
(RPNE24)	▽	BA44 UPVT 1005 CONF4 B1BC7E23F3H4RBV7V107X16	-24.000	-14.250	54.820	.000
(RPNE20)	◇	BA44 UPVT 1005 CONF4 B1BC7E23F3H4RBV7V107X16	-44.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

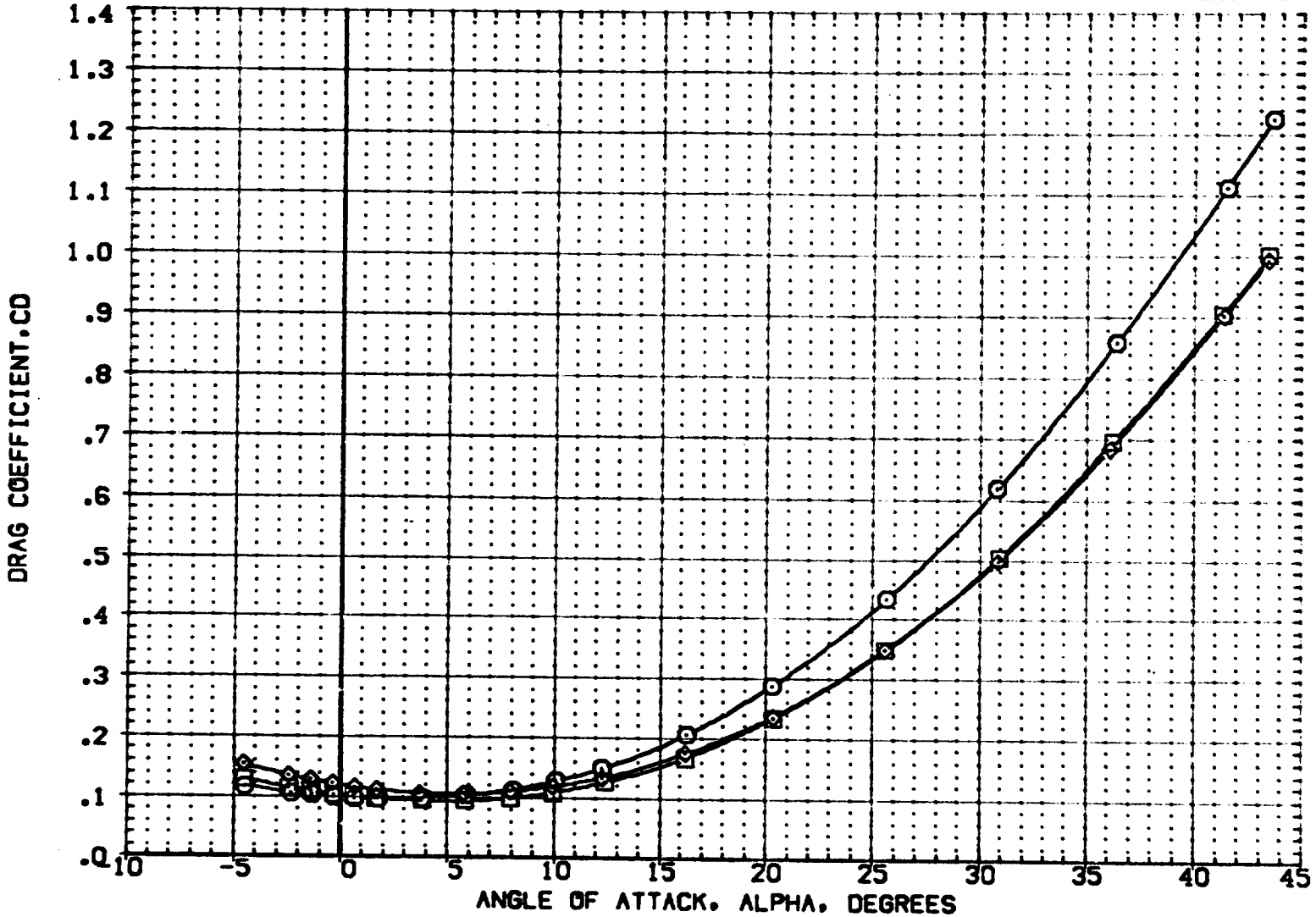


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE21)	○	DA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	DA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	DA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
SREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

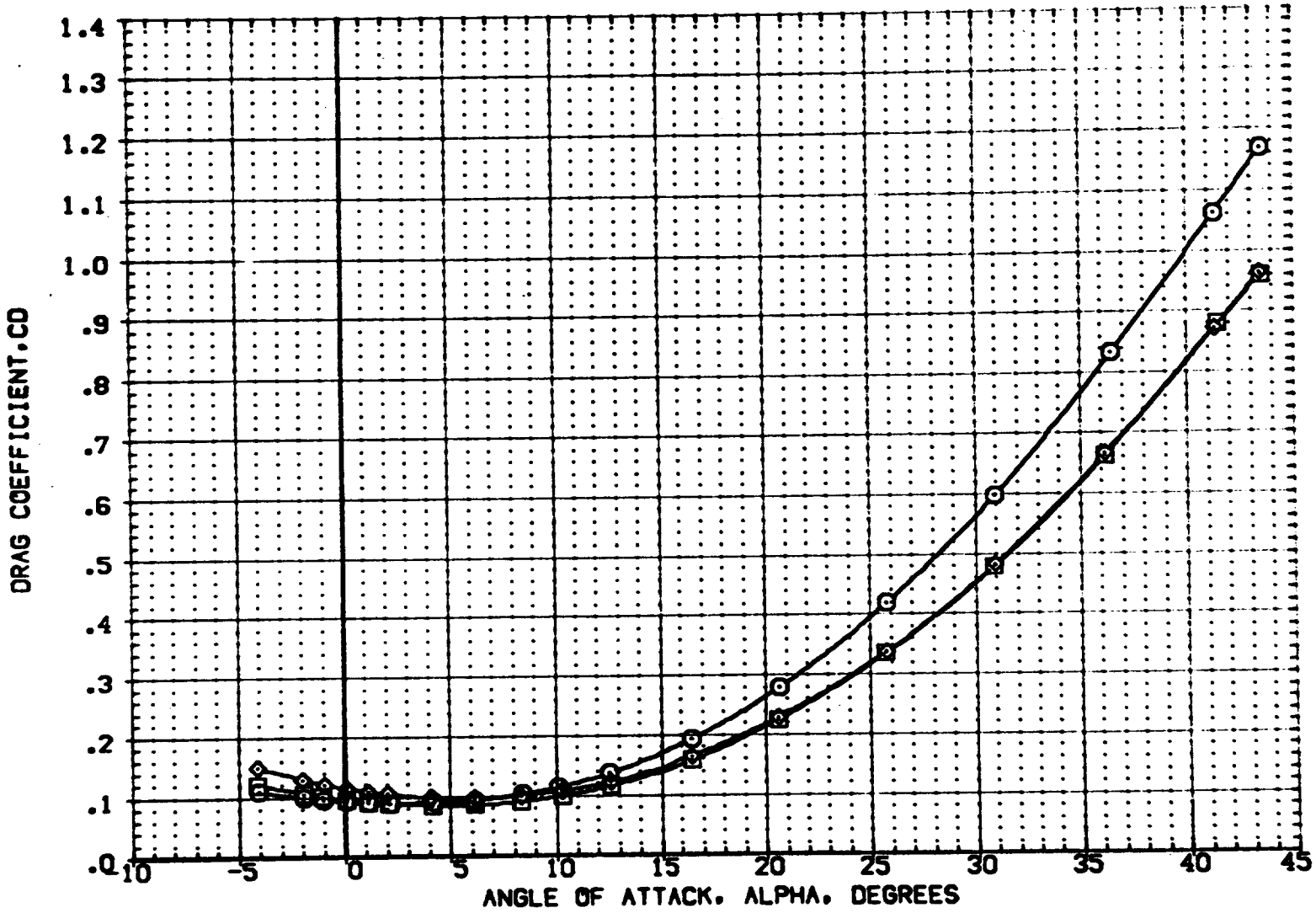


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

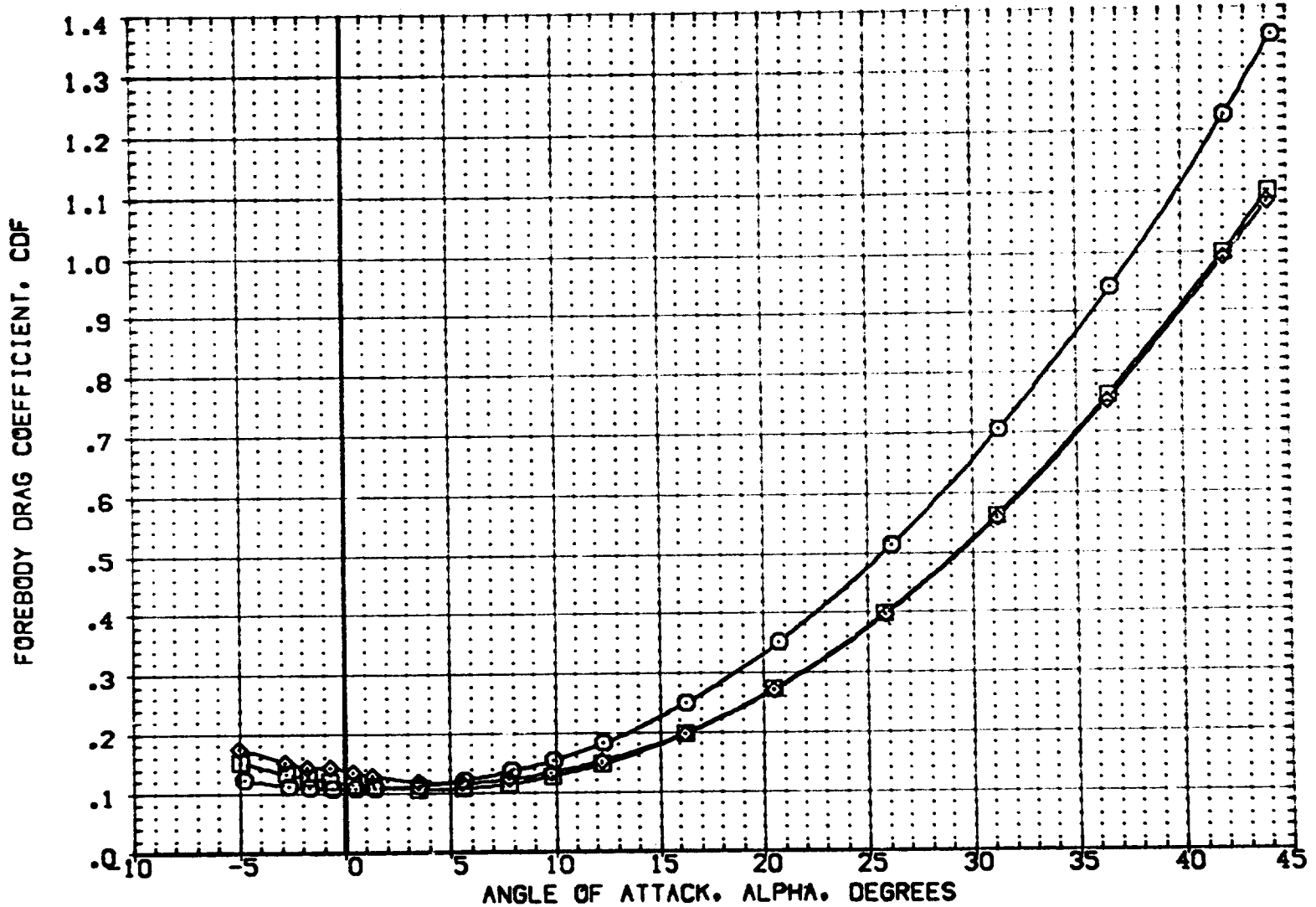


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE21)	○	0A44 UPWT 1035 CONF4	B19C7E23FSM4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPWT 1035 CONF4	B19C7E23FSM4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPWT 1035 CONF4	B19C7E23FSM4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

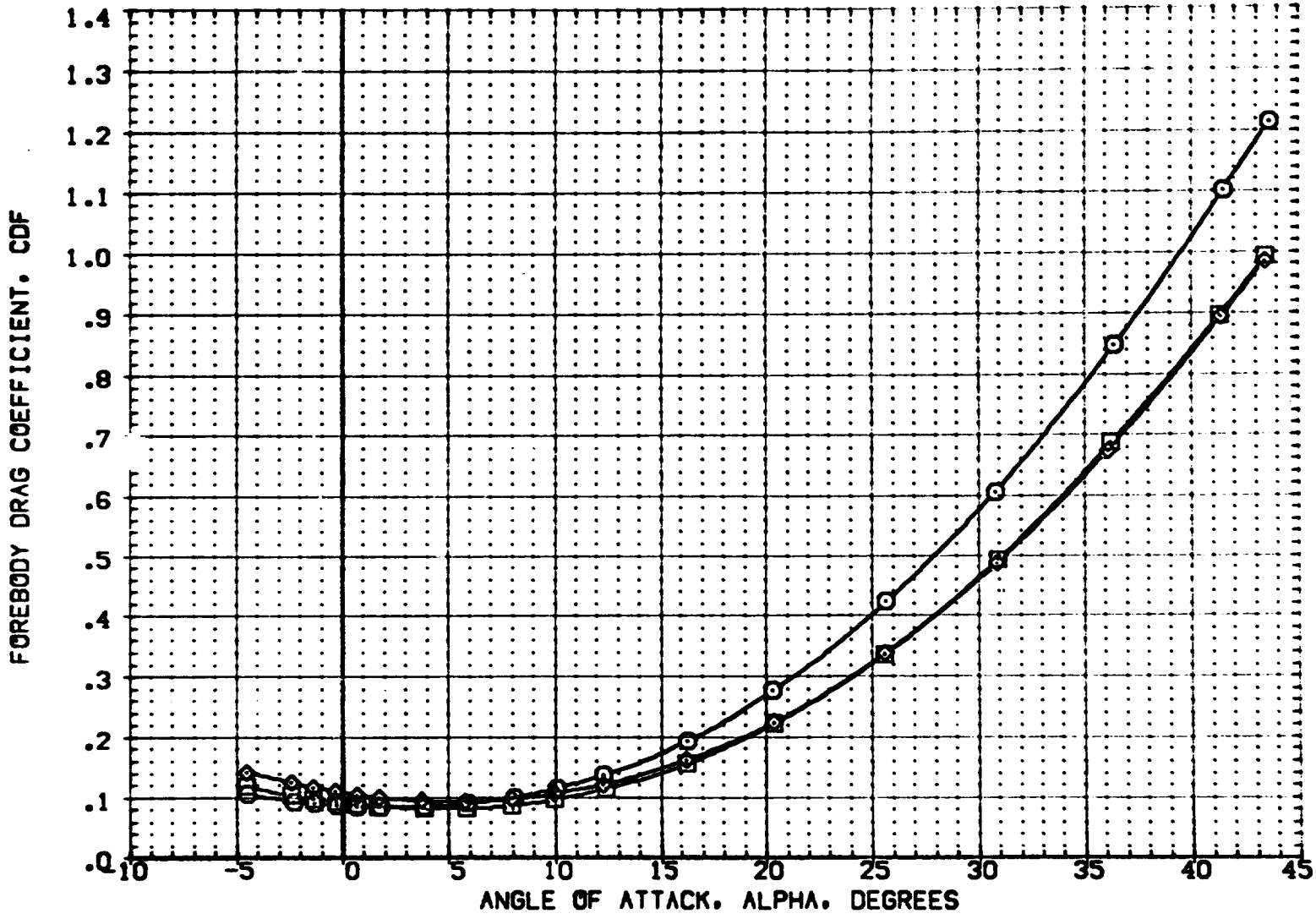


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE21)	□	0A44 UPVT 1035 CONF4	B19C7E23F9H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B19C7E23F9H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B19C7E23F9H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

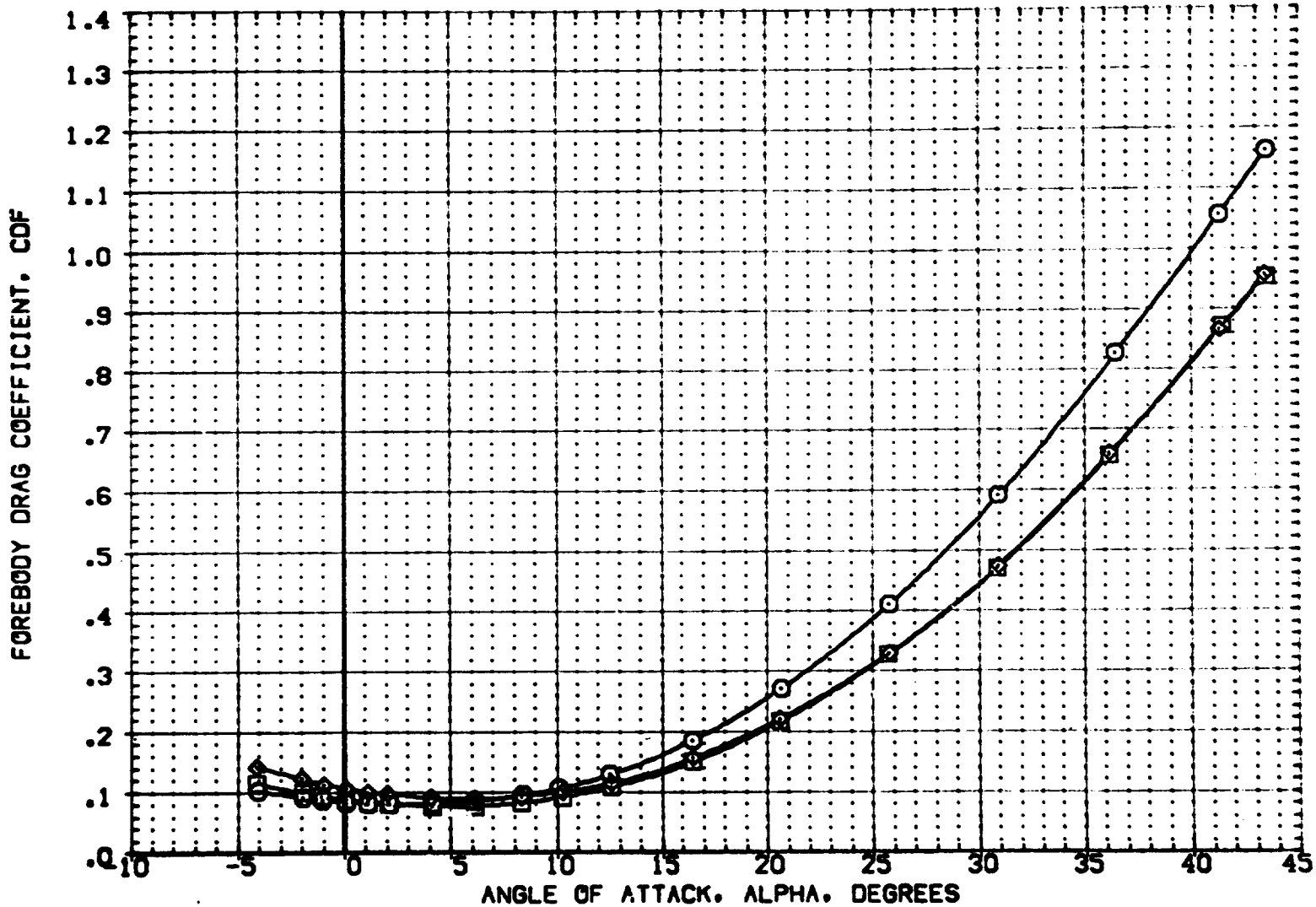


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

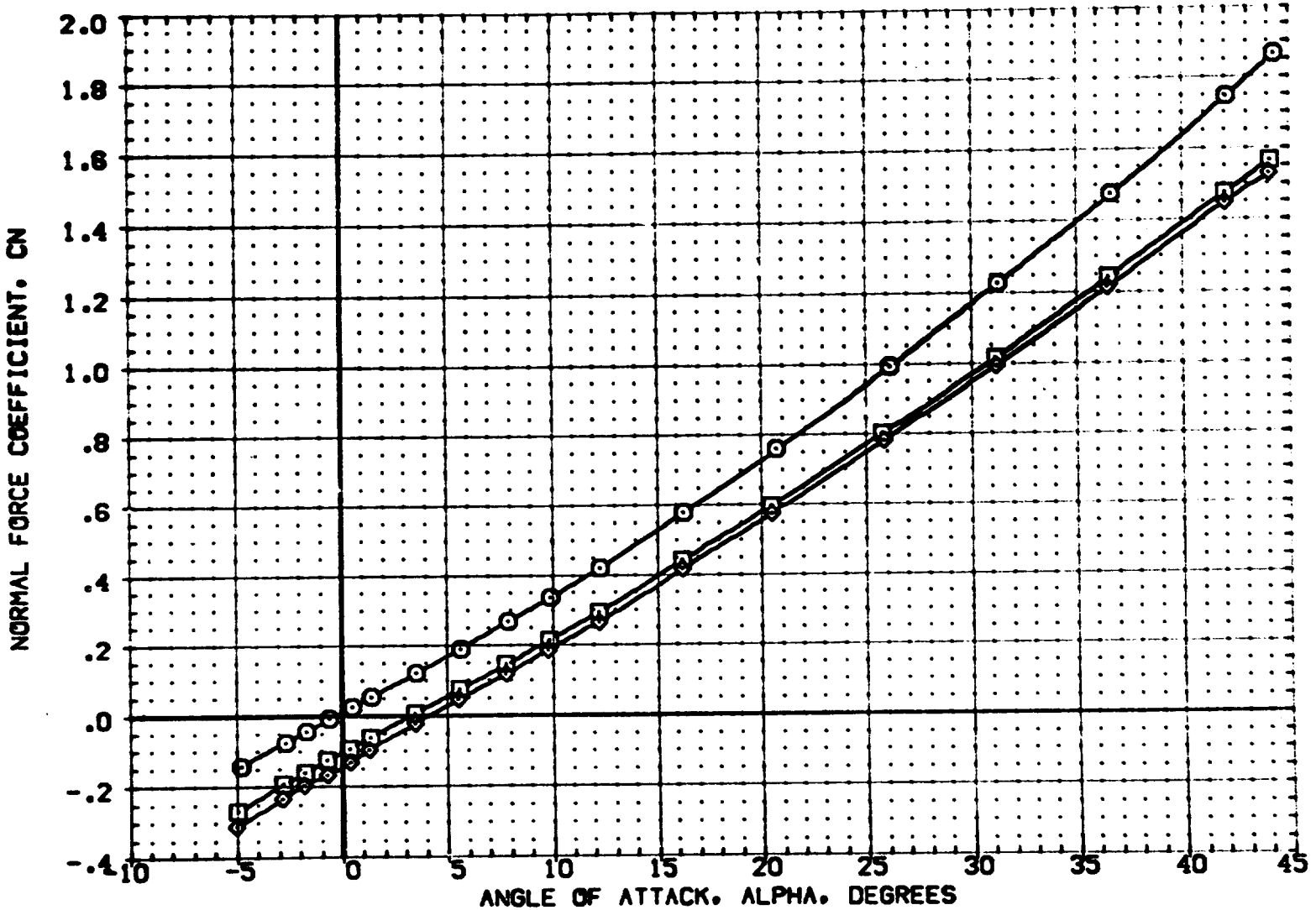


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
[illegible]	○	0A44 UPVT 1005 CONF4 B13C7E23F3H4R5V7V107X16	11.000	13.750	54.920	.000
[illegible]	□	0A44 UPVT 1005 CONF4 B13C7E23F3H4R5V7V107X16	-24.000	-14.250	54.920	.000
[illegible]	◇	0A44 UPVT 1005 CONF4 B13C7E23F3H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

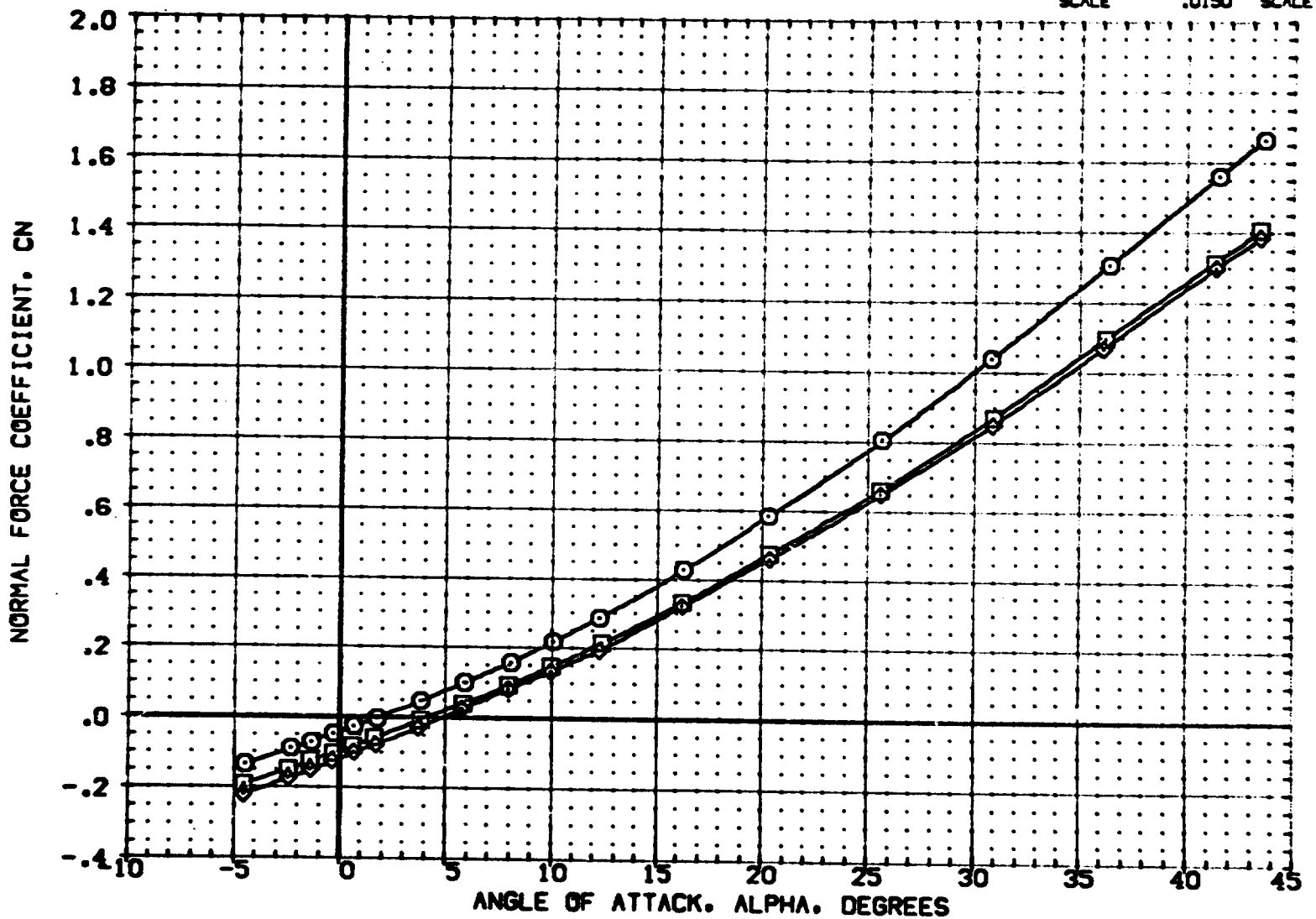


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE21)	○	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

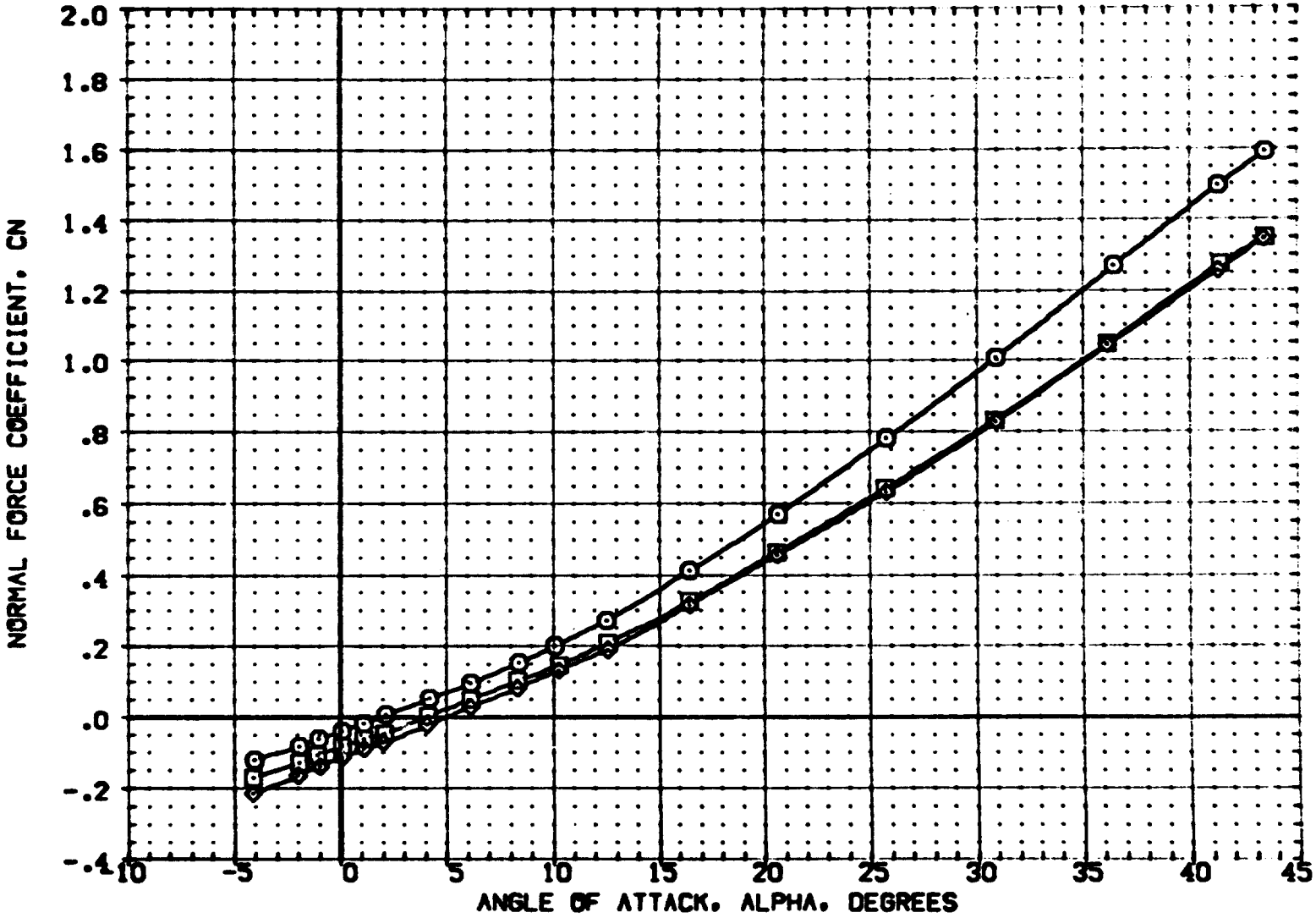


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE21)	○	BA44 UPVT 1035 CONF4	BISC7E23F3H4R5V7V107X16		11.000	13.750	54.920	.000
(RPNE24)	□	BA44 UPVT 1035 CONF4	BISC7E23F3H4R5V7V107X16		-24.000	-14.250	54.920	.000
(RPNE20)	◇	BA44 UPVT 1035 CONF4	BISC7E23F3H4R5V7V107X16		-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

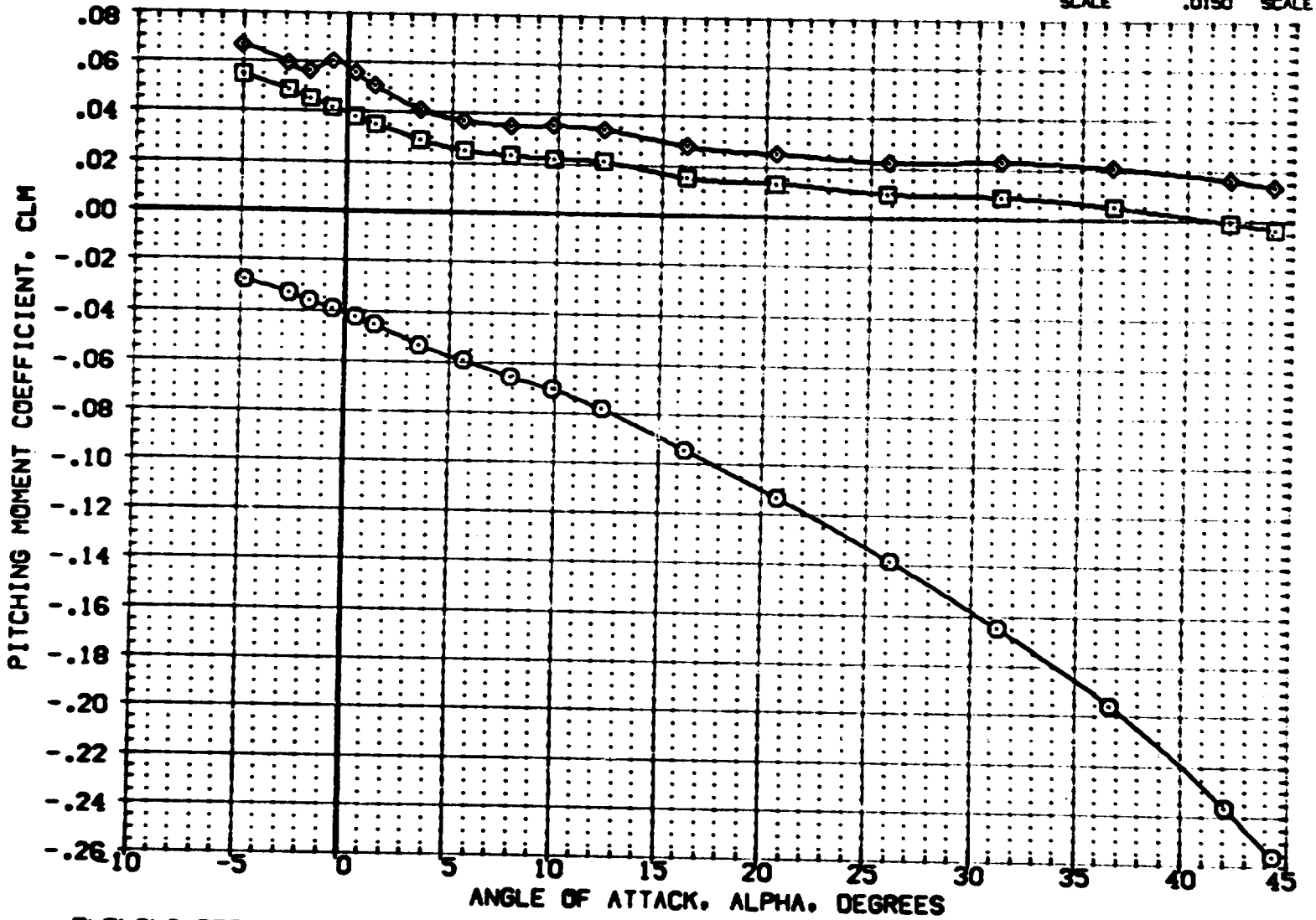


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

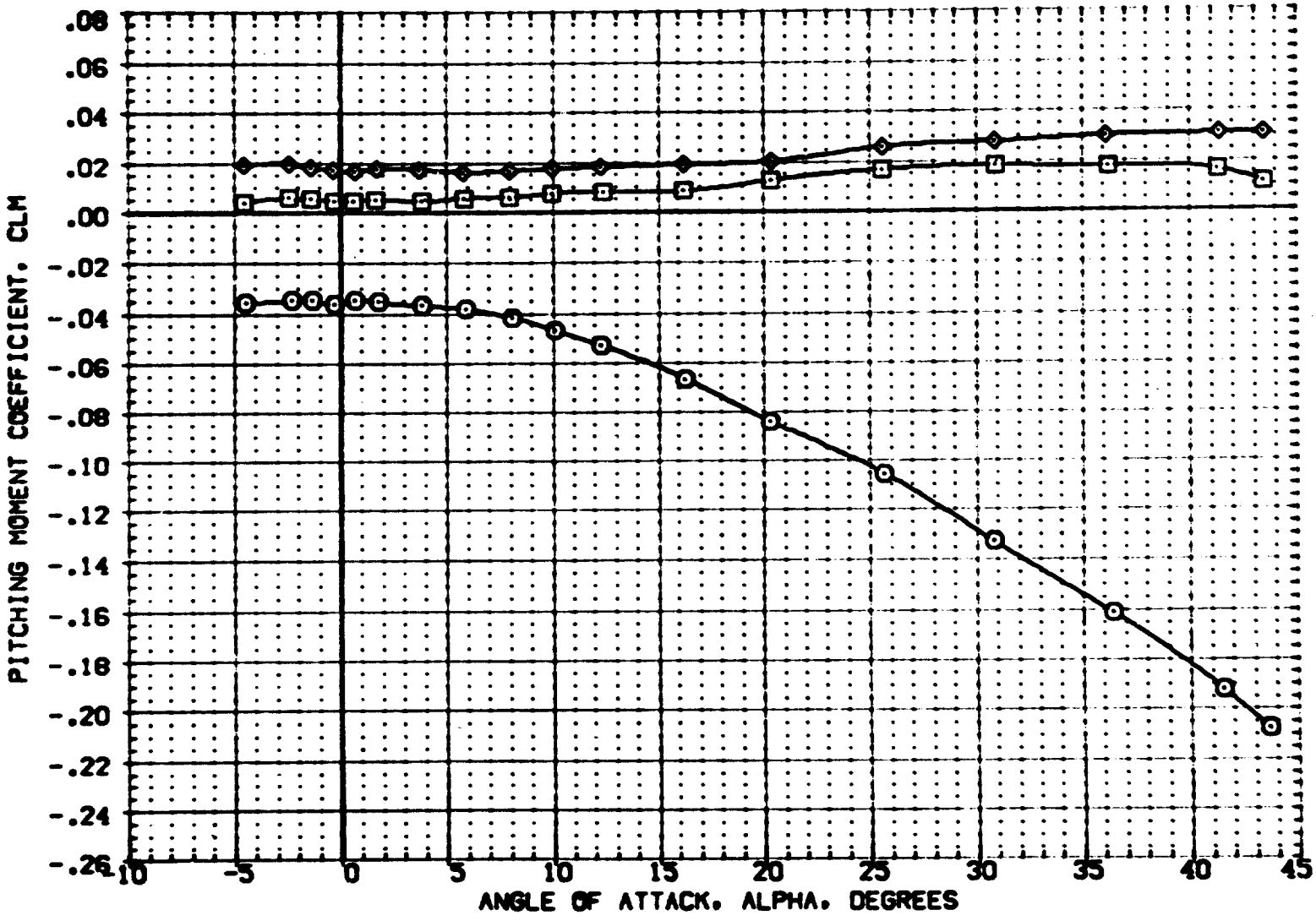


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

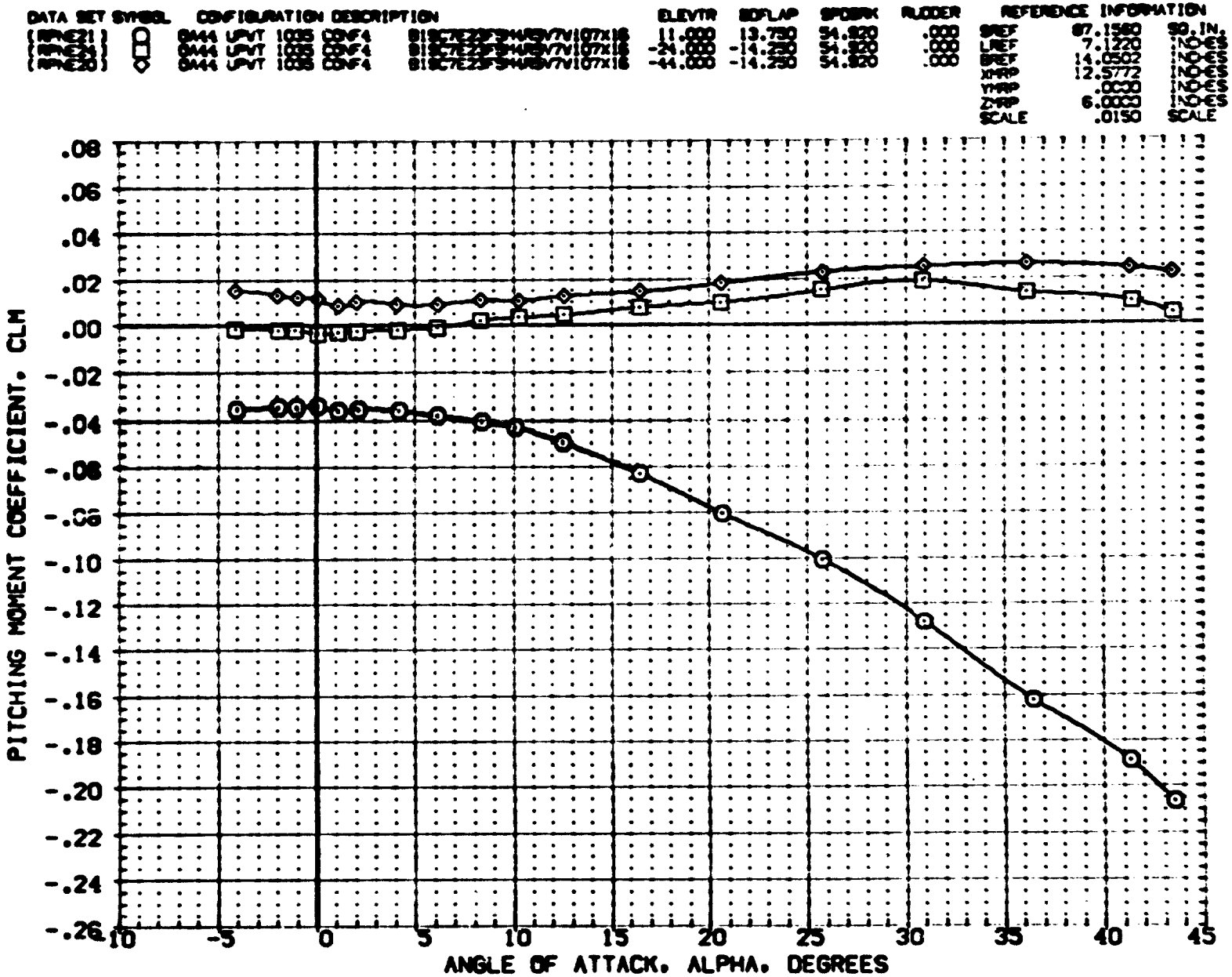
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	□	0A44 UPVT 1035 CONF4 B1SC7E23F3H4B3V7V107X16	11.000	19.730	54.920	.000
(RPNE24)	▭	0A44 UPVT 1035 CONF4 B1SC7E23F3H4B3V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4 B1SC7E23F3H4B3V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



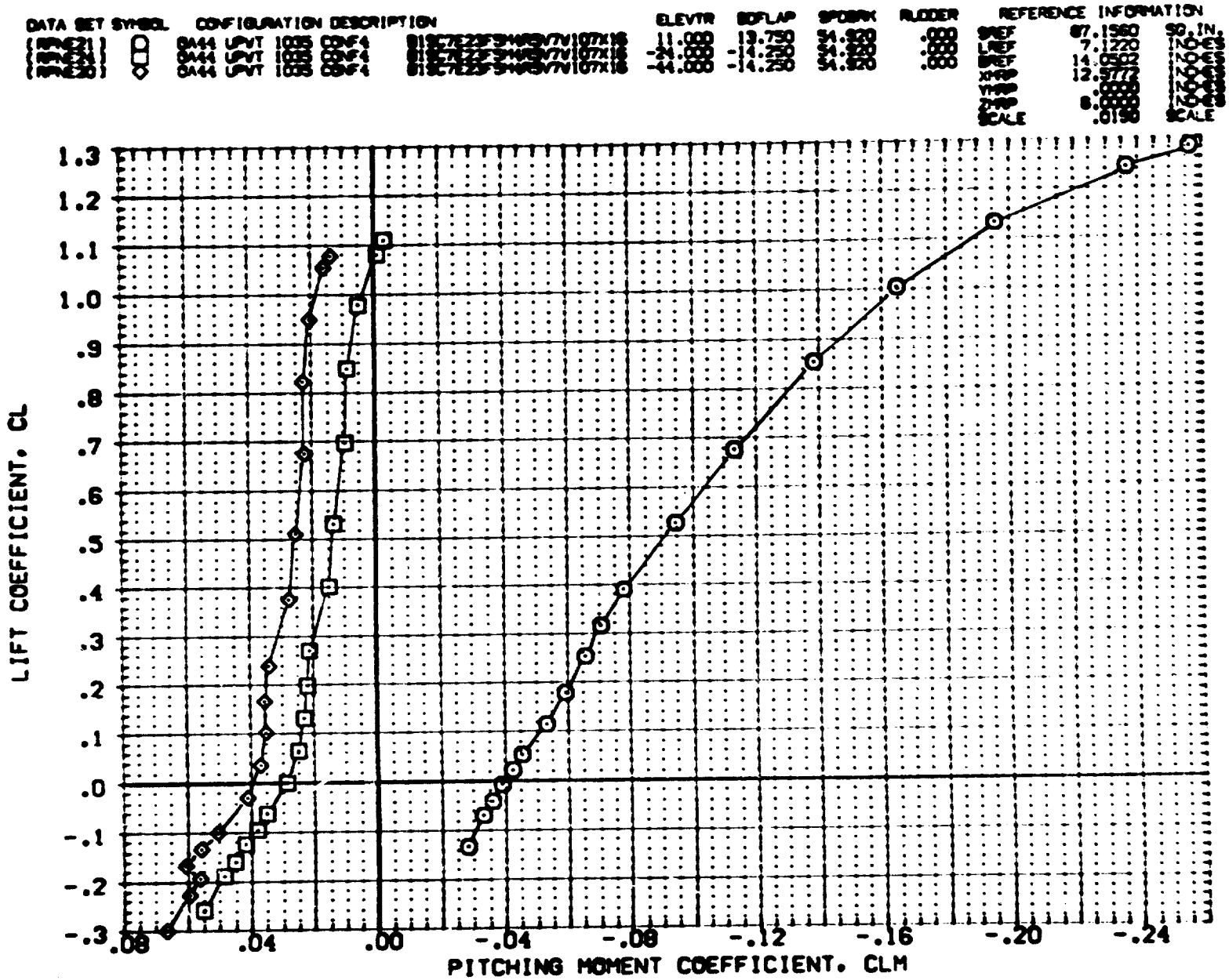
ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90



ELEVONS DEFLECTED -1398 CONFIG

(C)MACH = 4.60

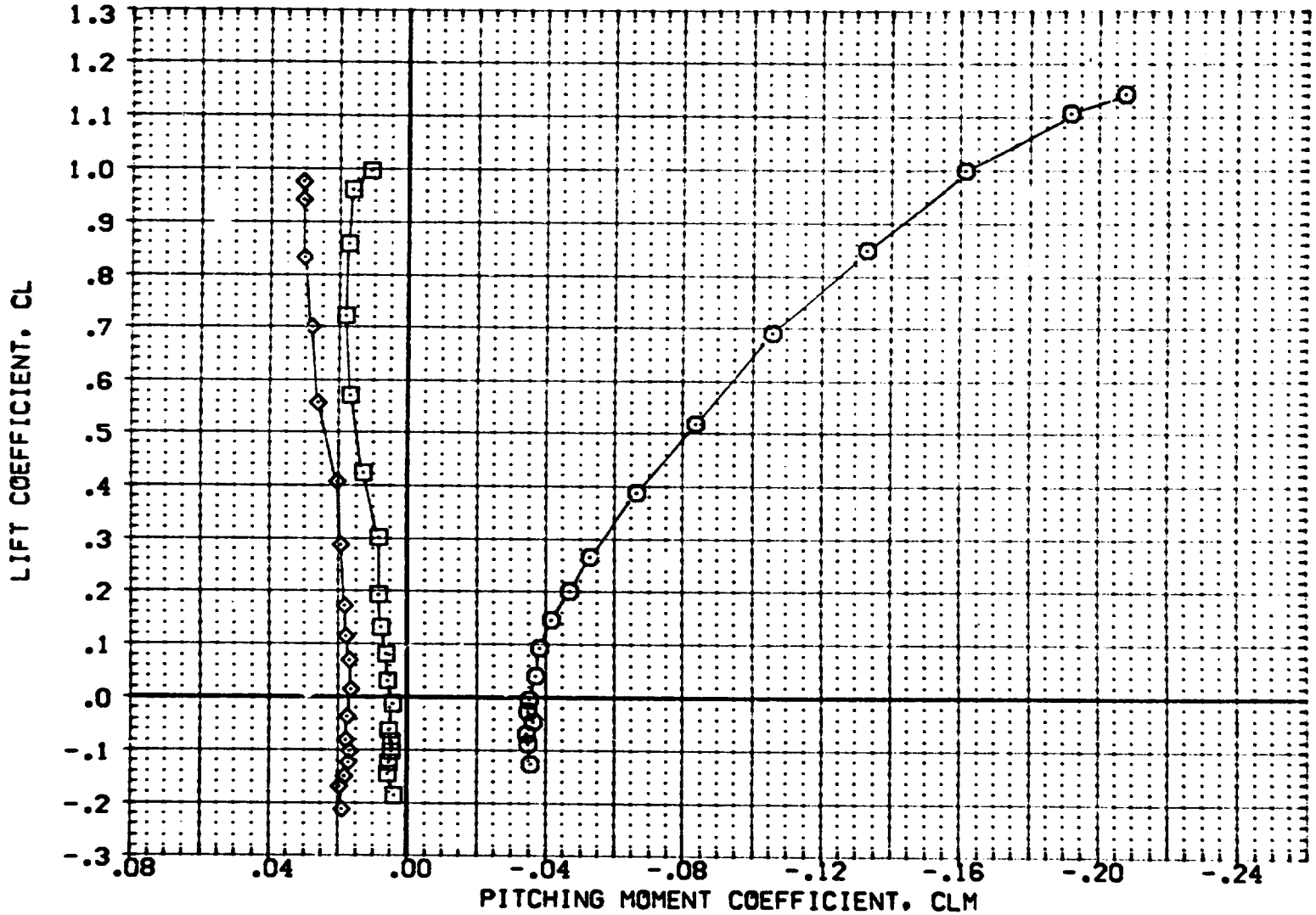


ELEVONS DEFLECTED -1398 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	3DFLAP	SPDBRK	RUDDER
(RPNE21)	□	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7W107X16	11.000	13.750	54.920	.000
(RPNE24)	▭	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7W107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7W107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

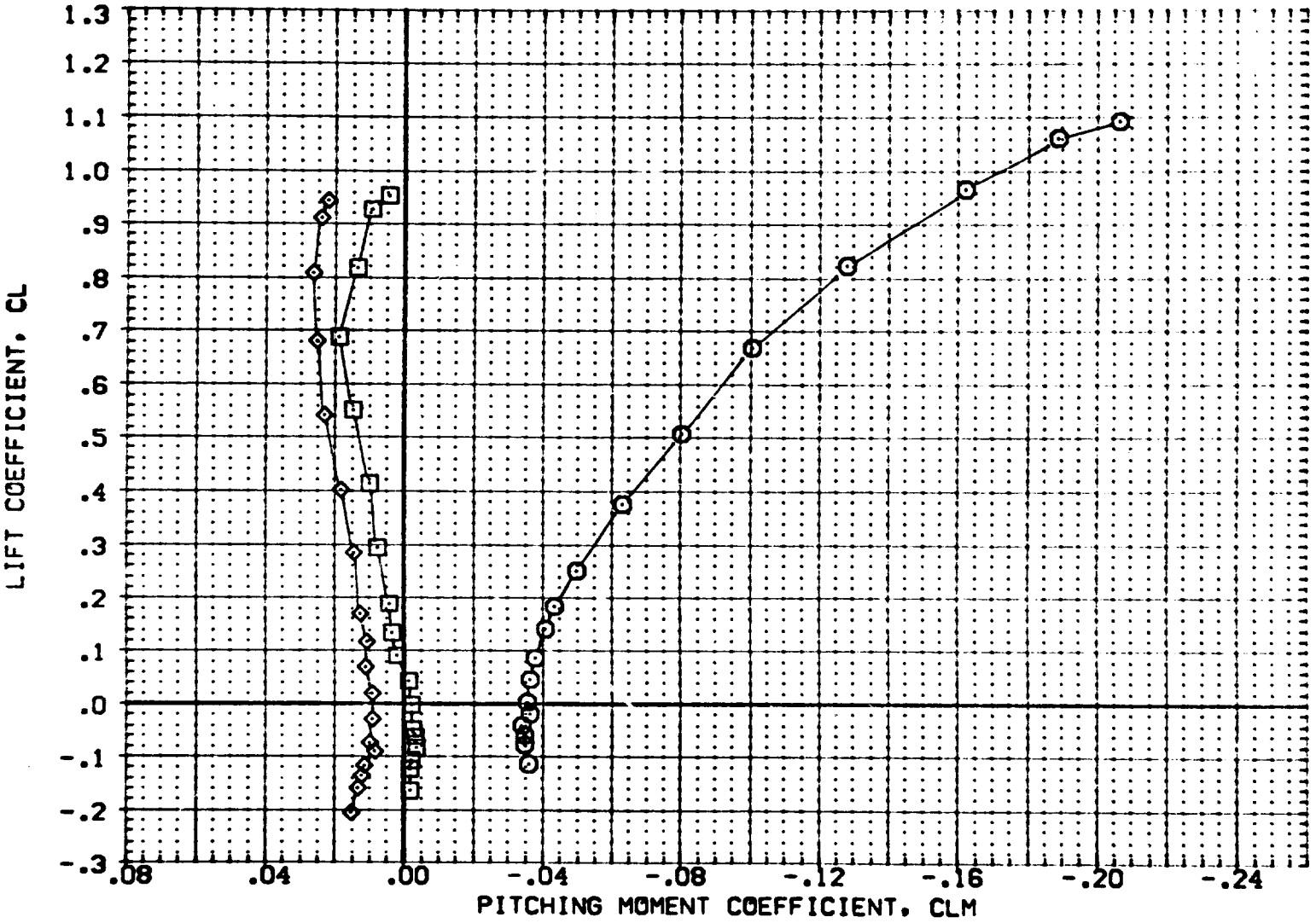


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE21]	▢	0A44 UPVT 1035 CONF4	B19C7E23FSM4R5V7V107X16	11.000	13.750	54.920	.000
[RPNE24]	▢	0A44 UPVT 1035 CONF4	B19C7E23FSM4R5V7V107X16	-24.000	-14.250	54.920	.000
[RPNE20]	◇	0A44 UPVT 1035 CONF4	B19C7E23FSM4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



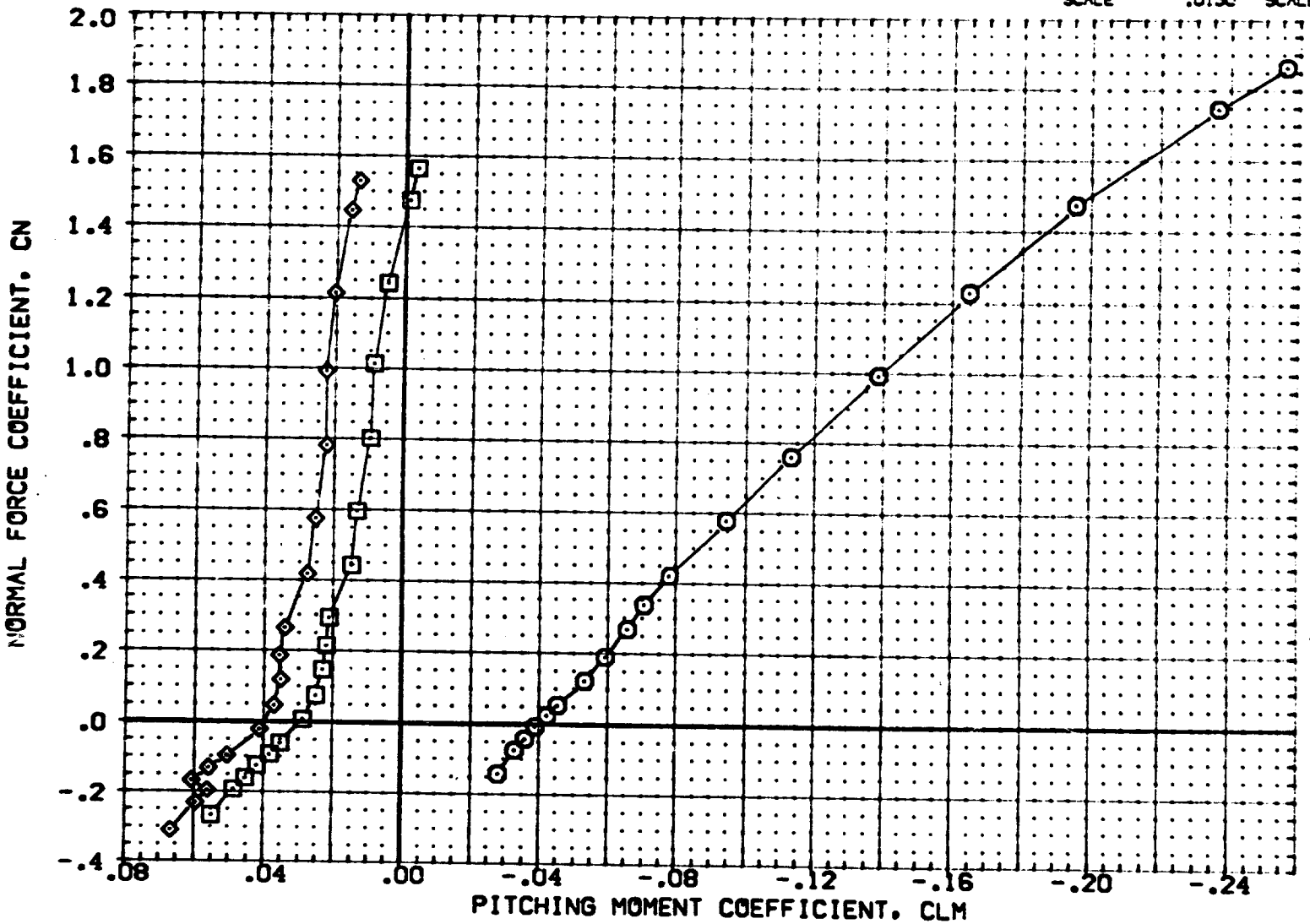
ELEVONS DEFLECTED -139B CONFIG

[C]MACH = 4.60

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNE21)	○	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	BA44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

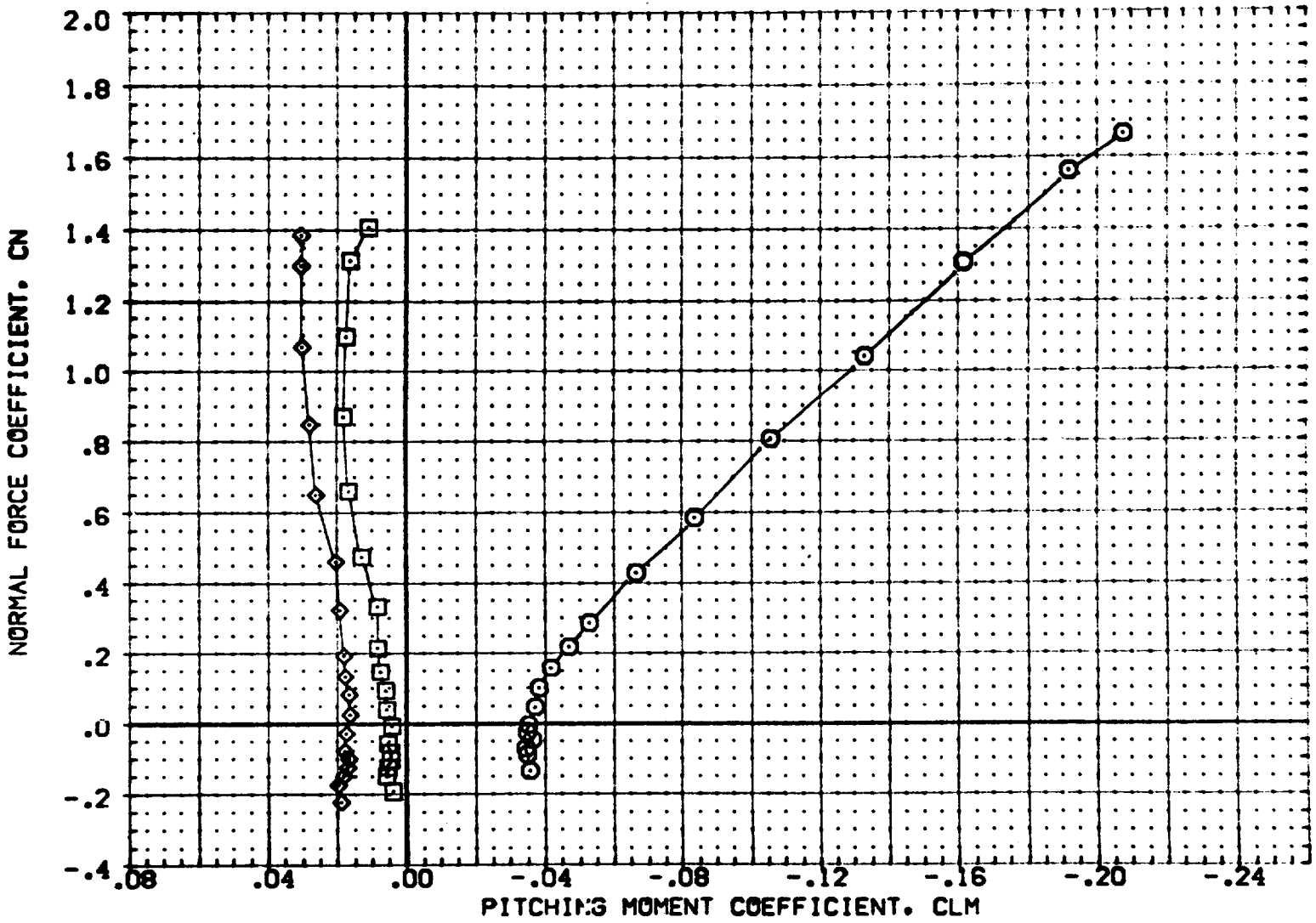


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

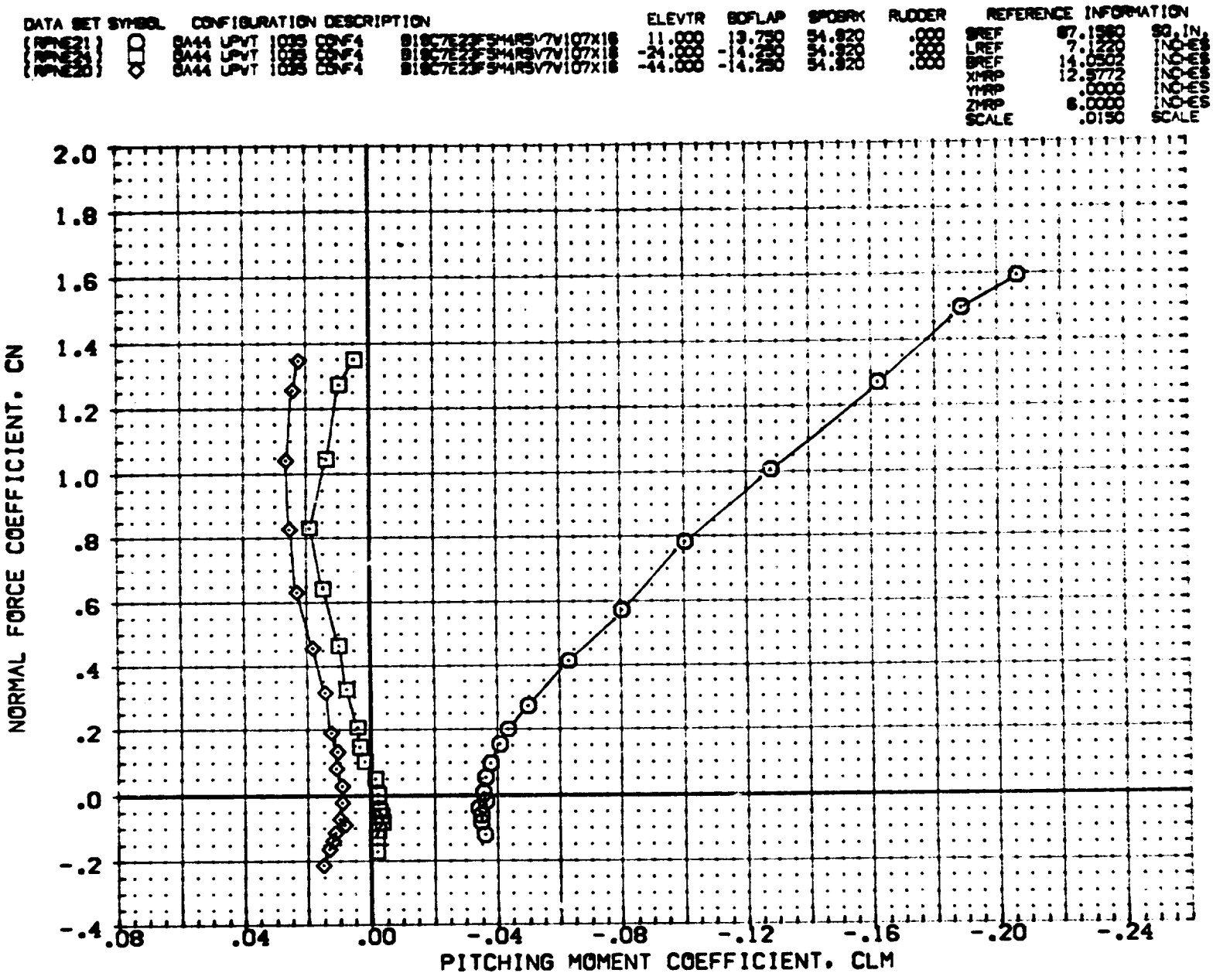
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

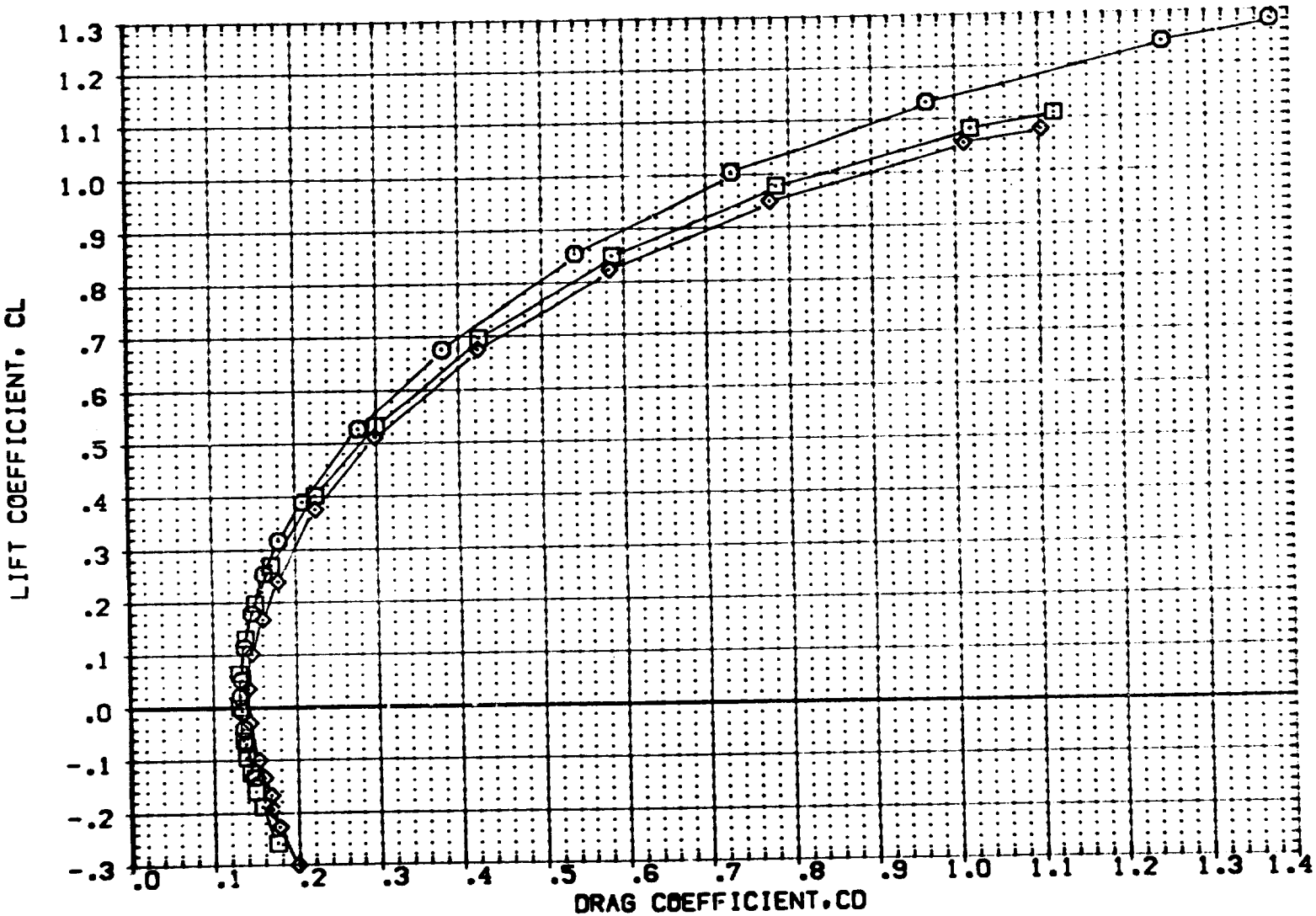


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

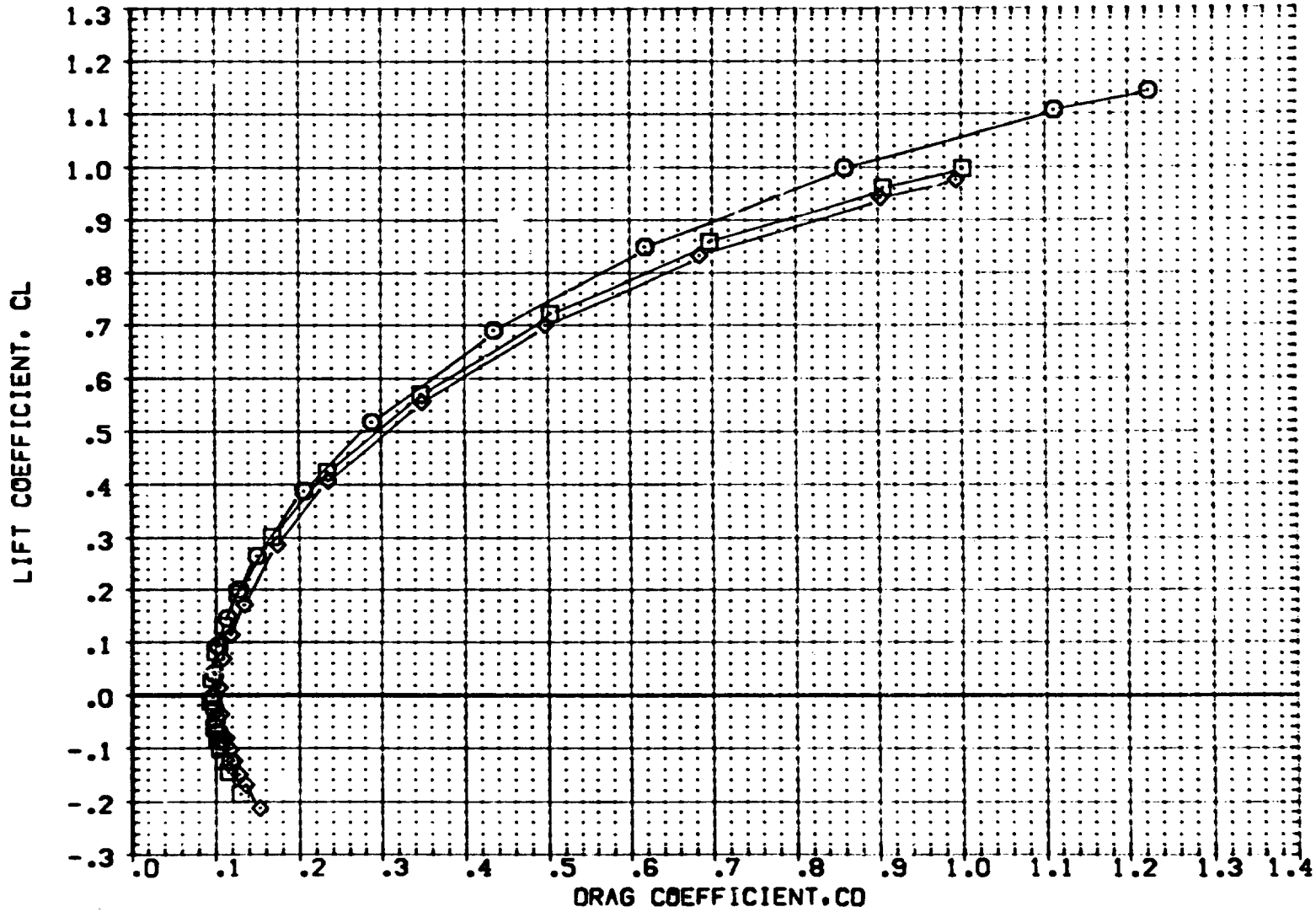


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

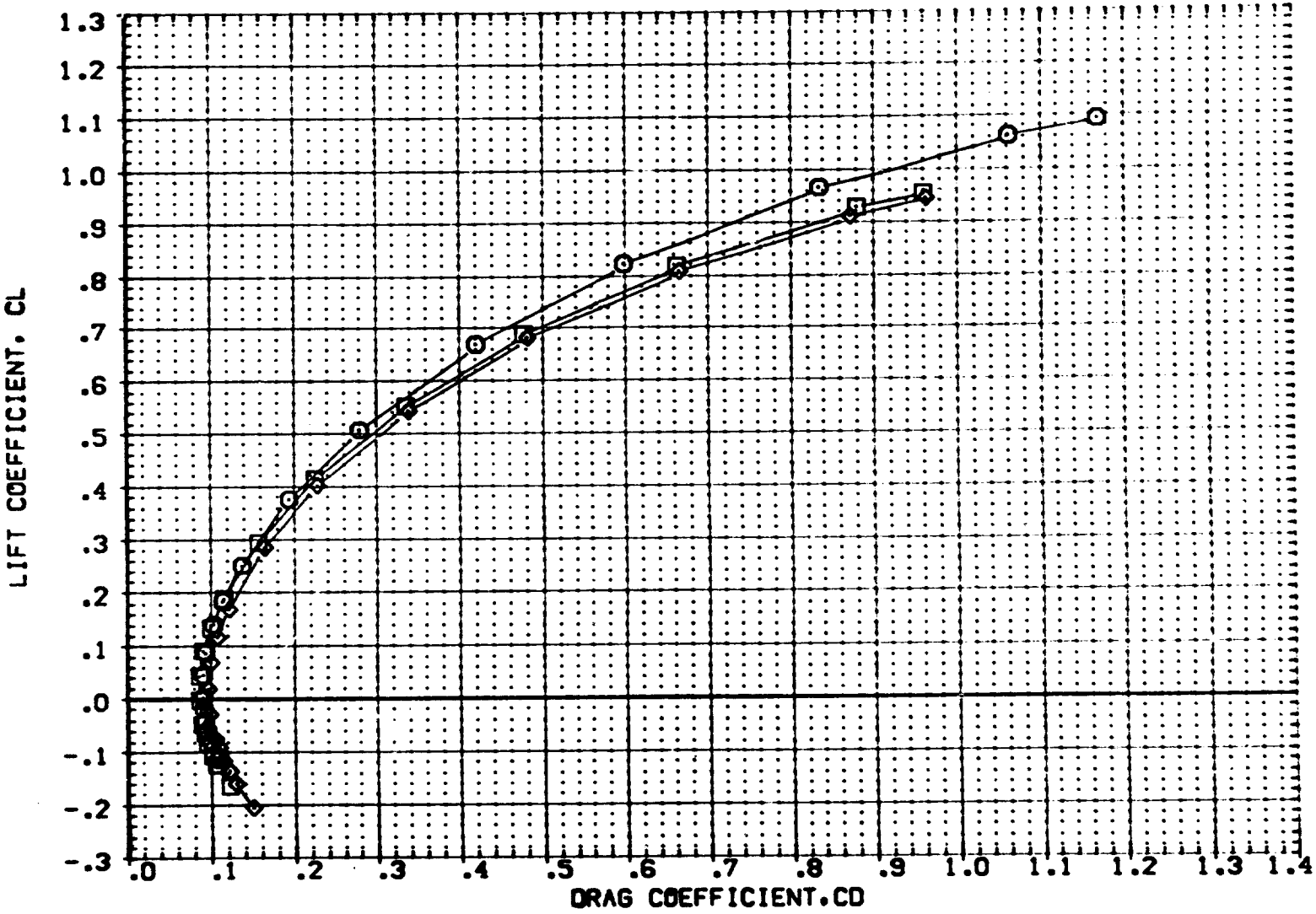


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBR	RUDDER
(RPNE21)	○	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE24)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE20)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

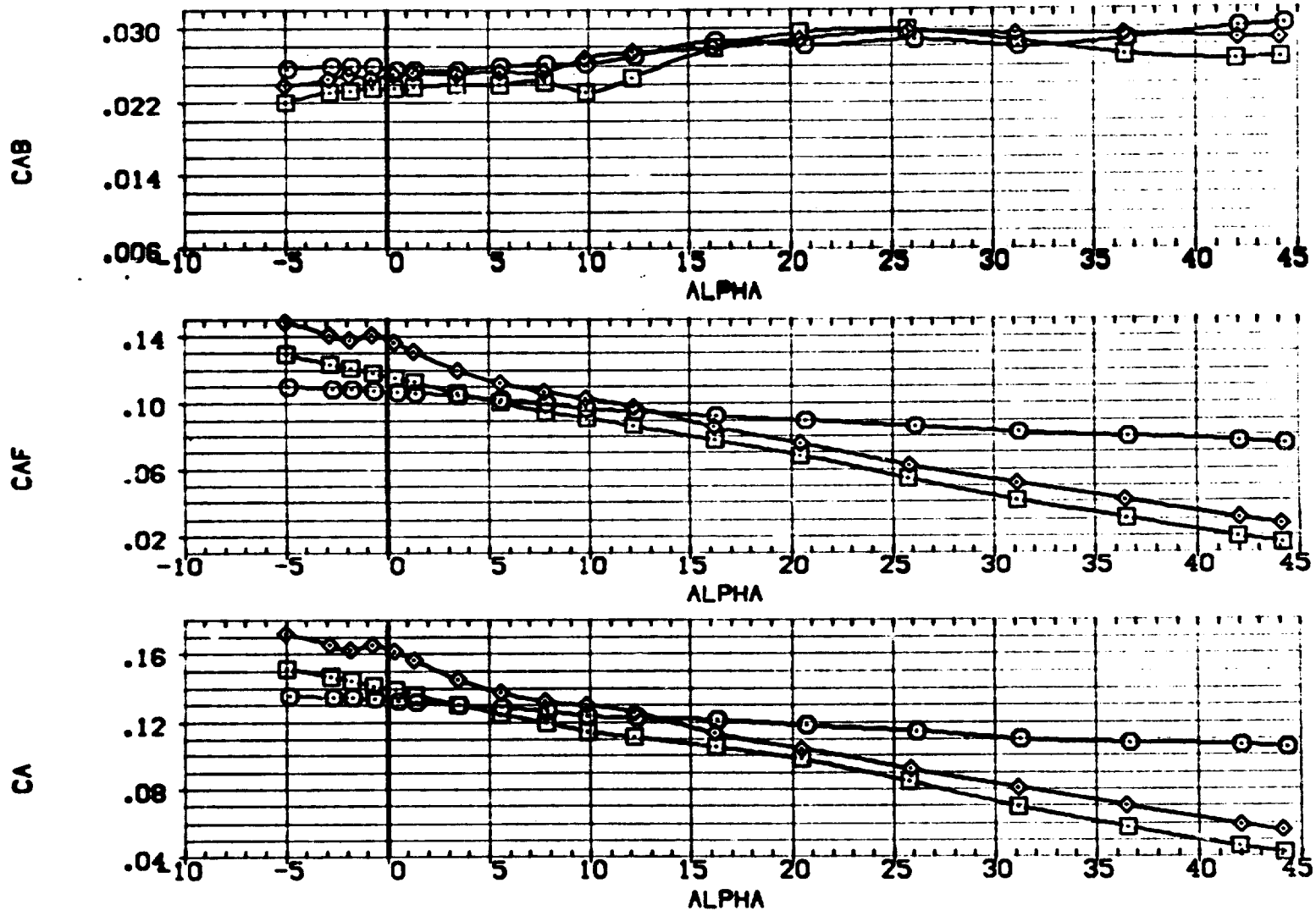


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP21) ○	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	11.000	13.750	54.920	.000
(RPNP24) □	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNP20) ◇	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

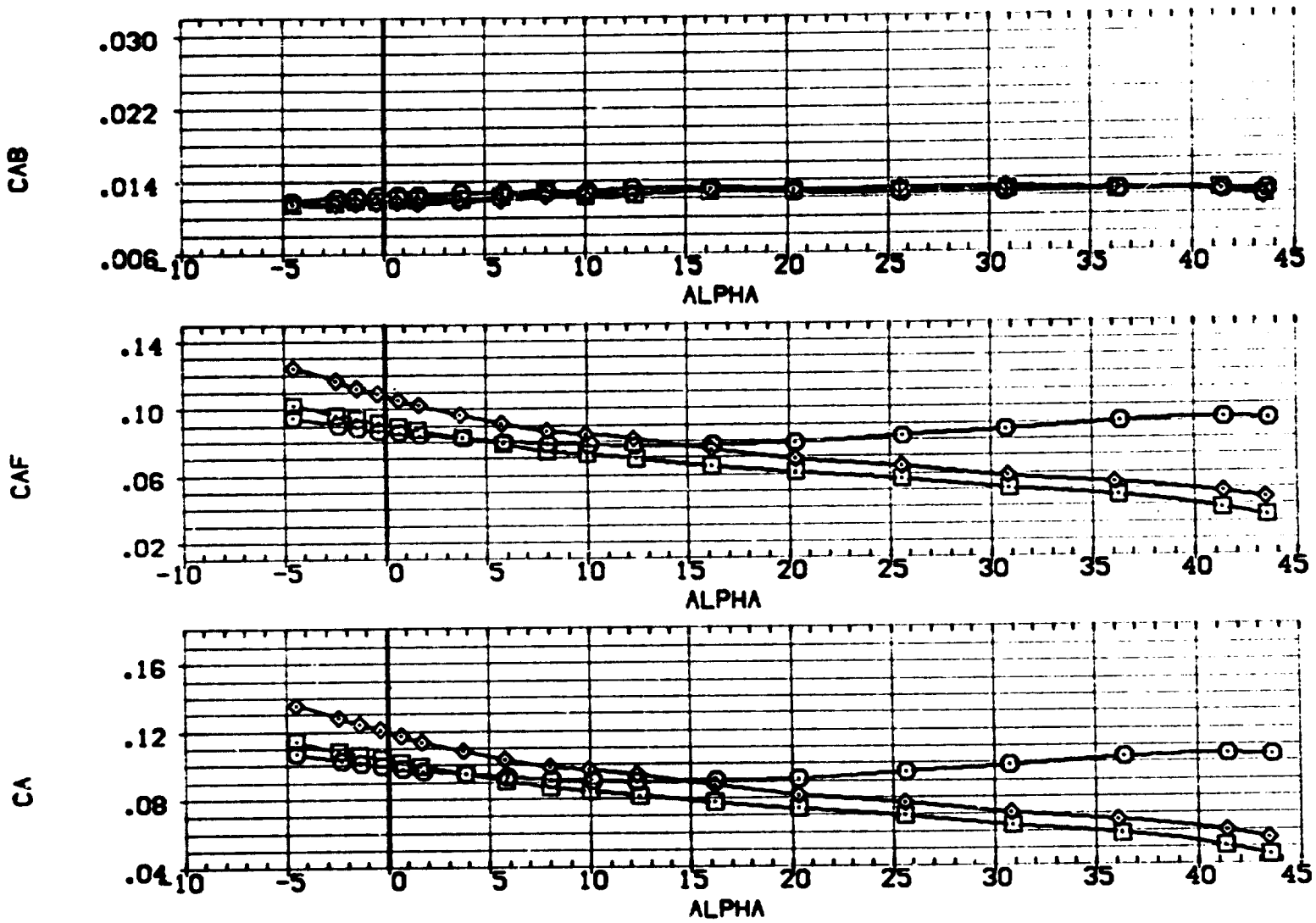


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNP21]	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
[RPNP24]	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
[RPNP20]	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

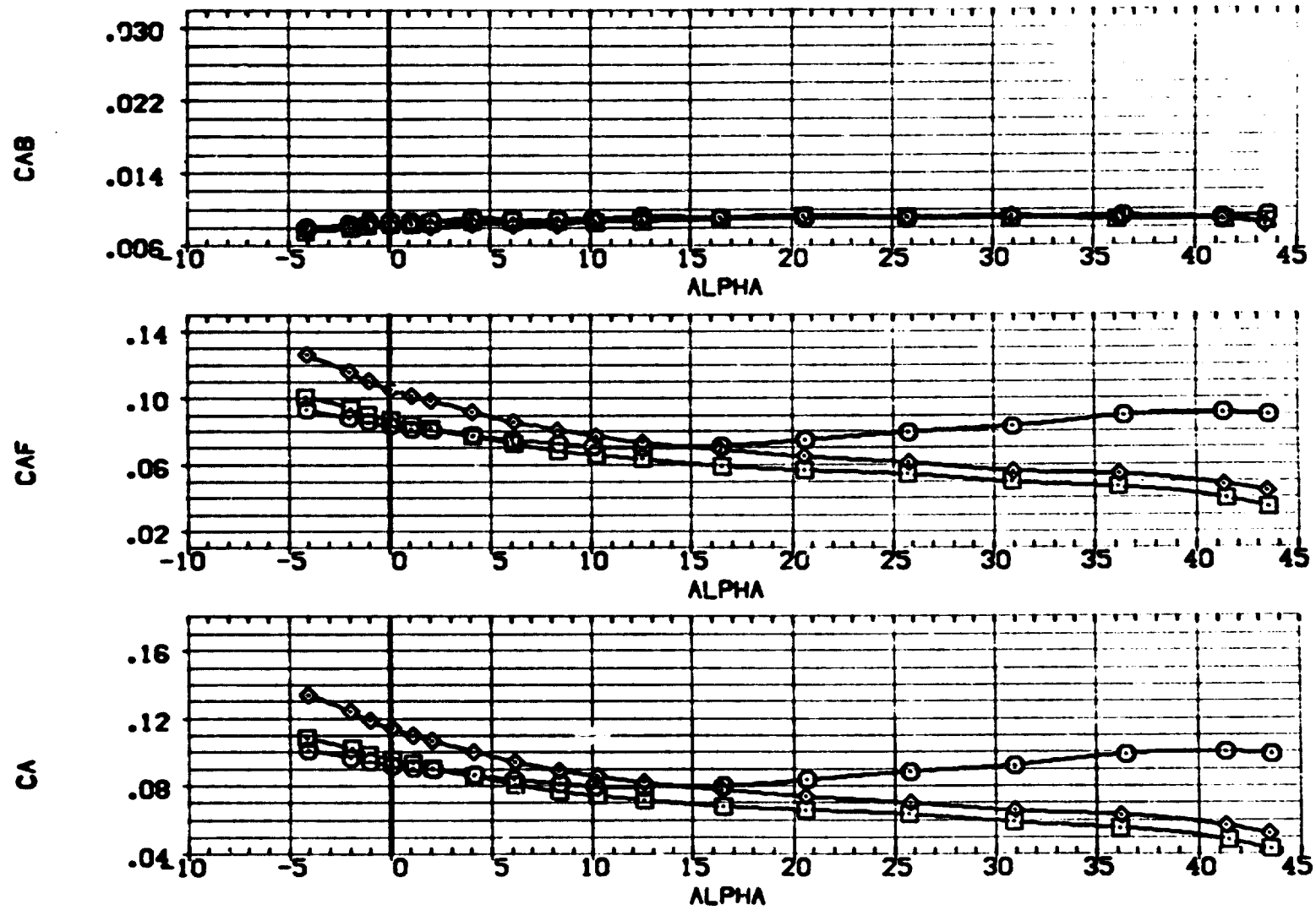


ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPWP21)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPWP24)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPWP20)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

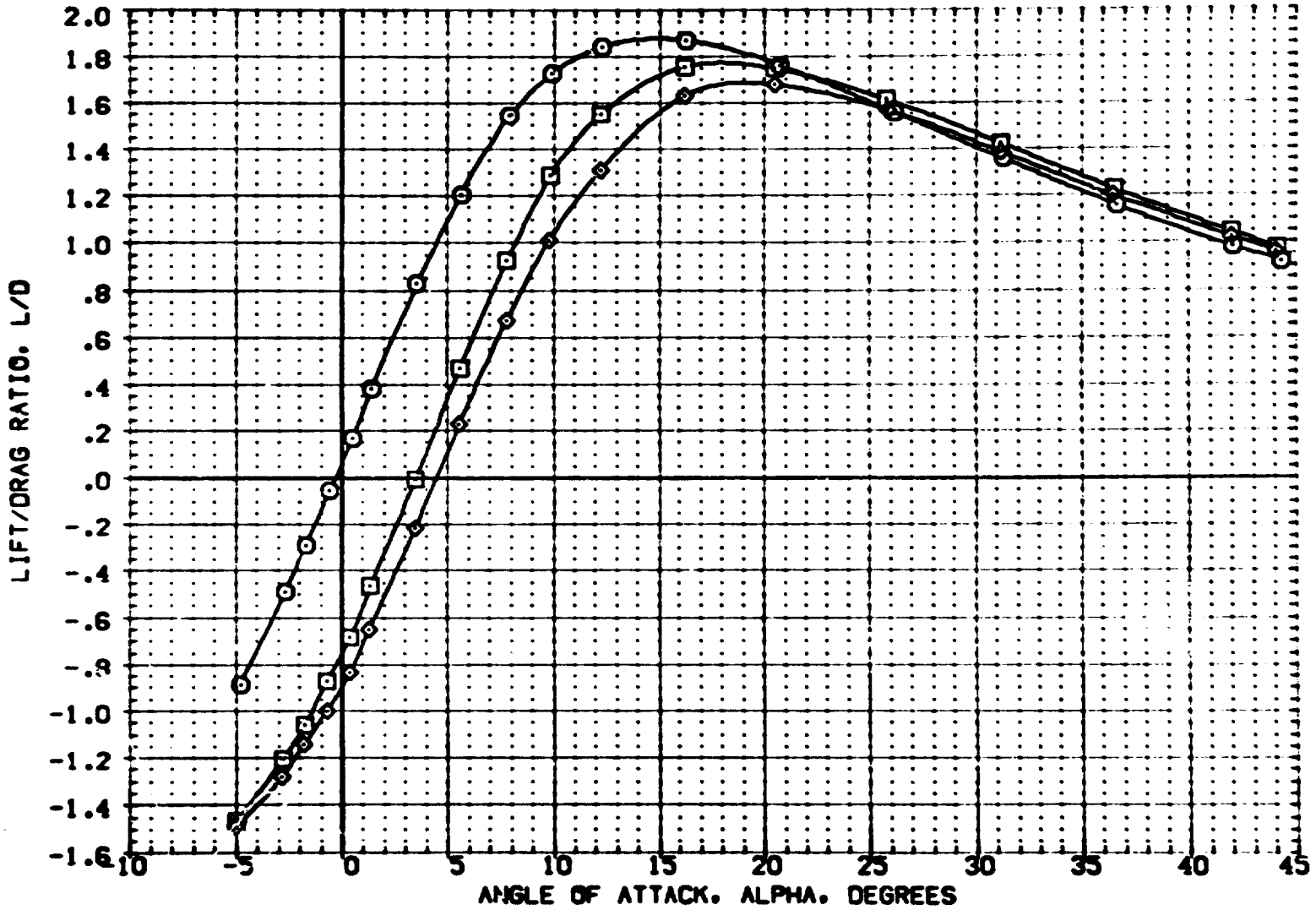


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP21)	□	0A44 UPVT 1005 CONF4 B19C7E22F5H4R5V7V107X16	11.000	13.730	54.920	.000
(RPNP24)	▽	0A44 UPVT 1005 CONF4 B19C7E22F5H4R5V7V107X16	-24.000	-14.220	54.920	.000
(RPNP20)	◇	0A44 UPVT 1005 CONF4 B19C7E22F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

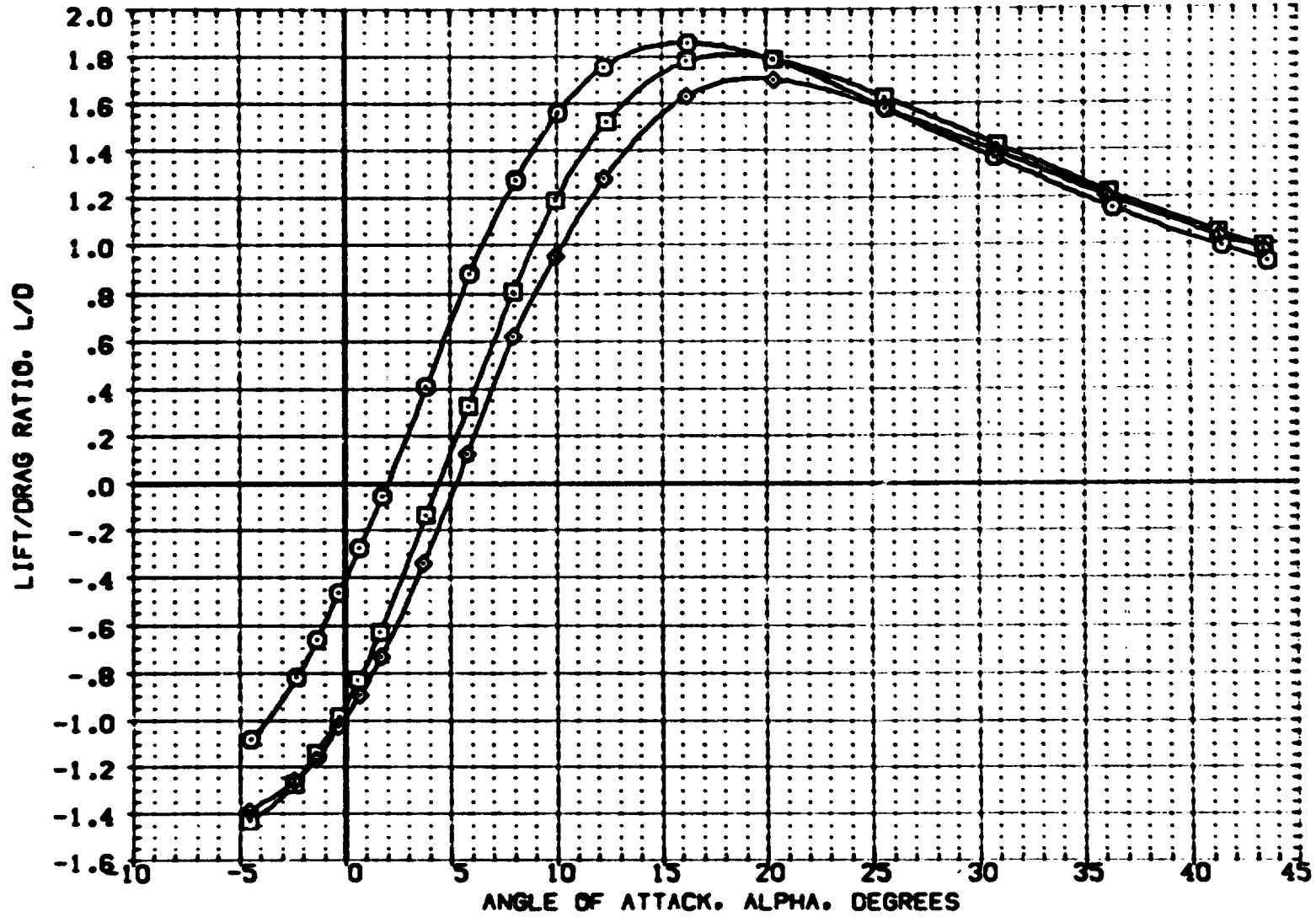


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

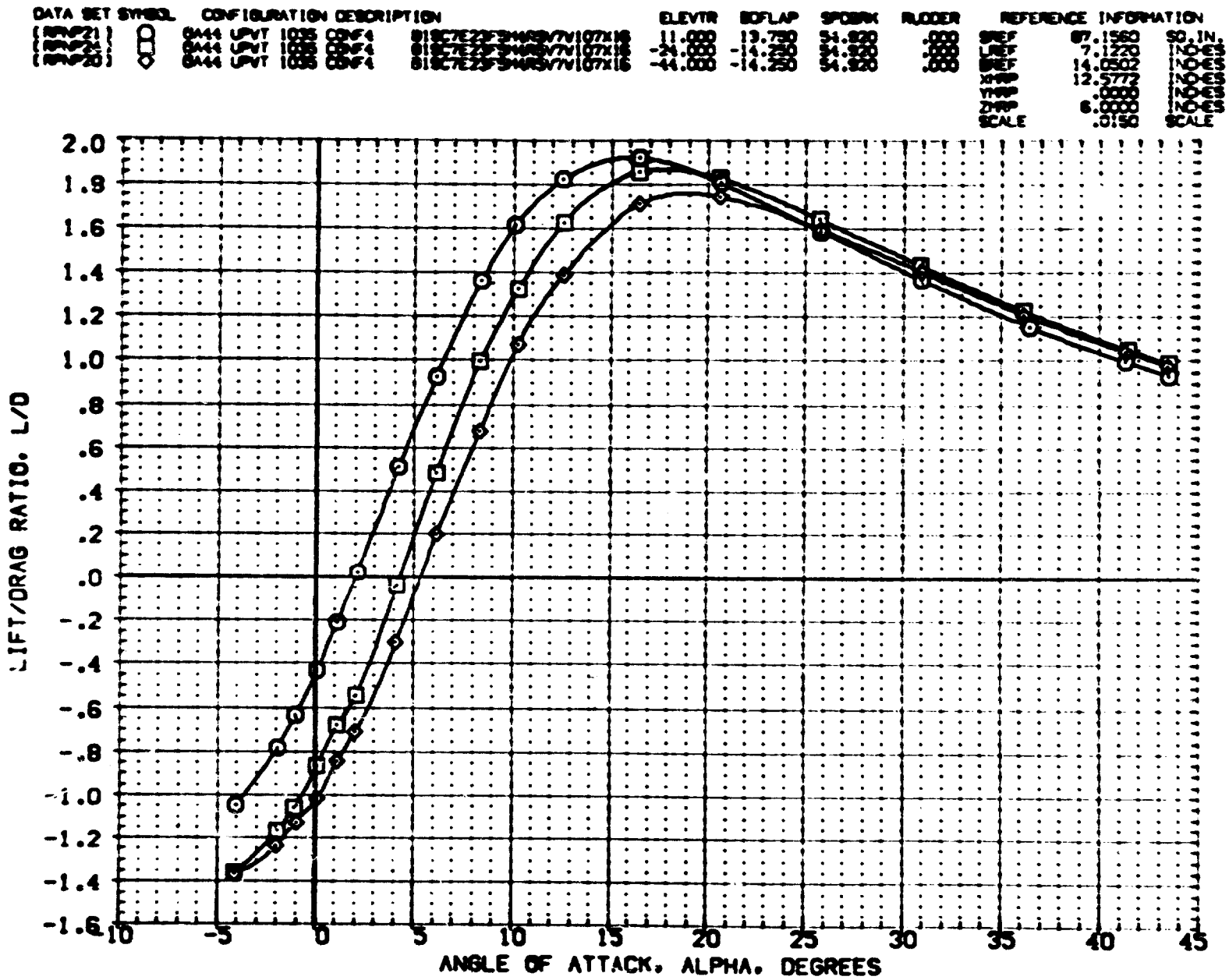
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(BRNP21)	□	0444 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(BRNP24)	△	0444 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(BRNP20)	◇	0444 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -139B CONFIG

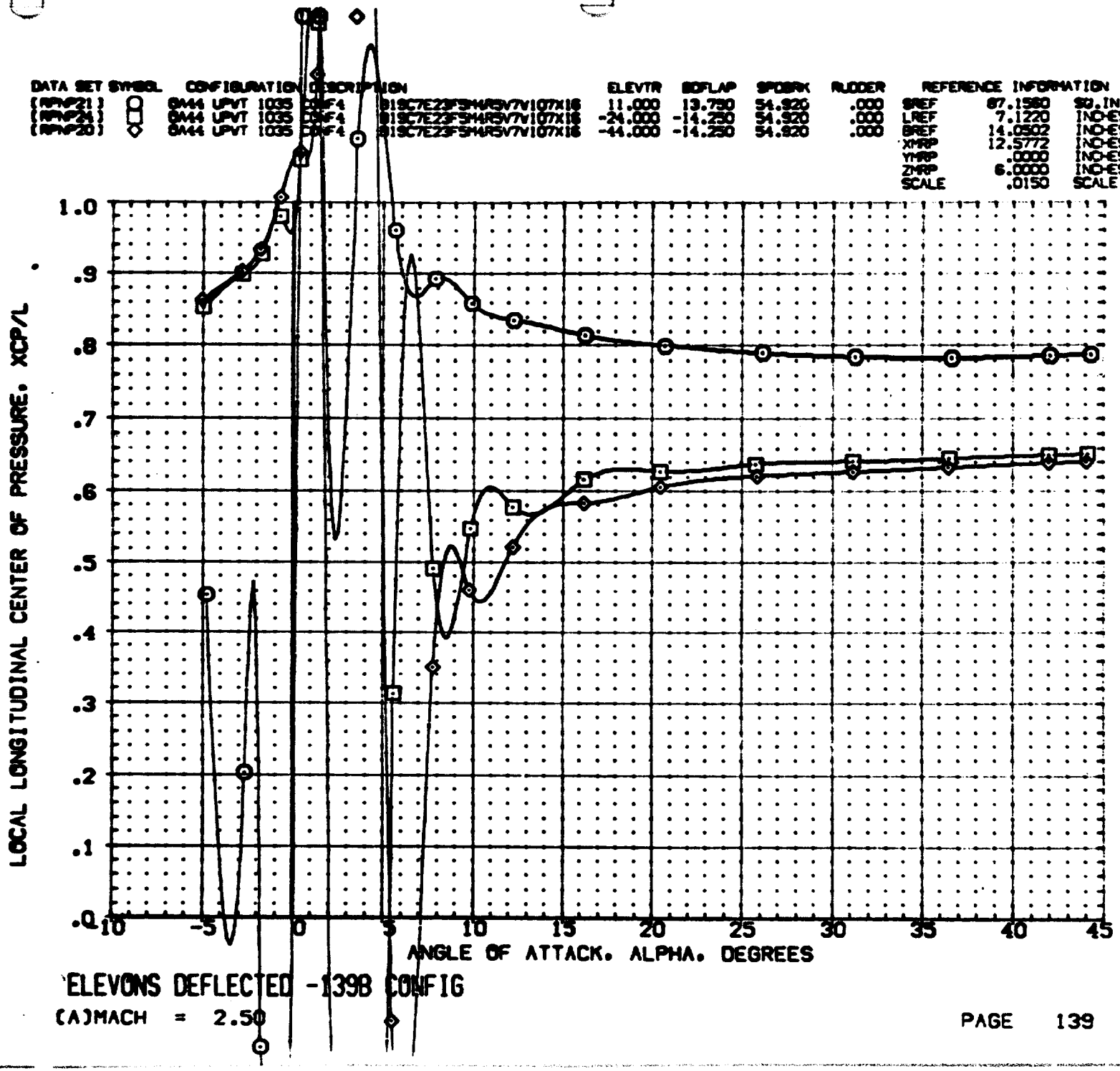
(B)MACH = 3.90



ELEVONS DEFLECTED -1390 CONFIG

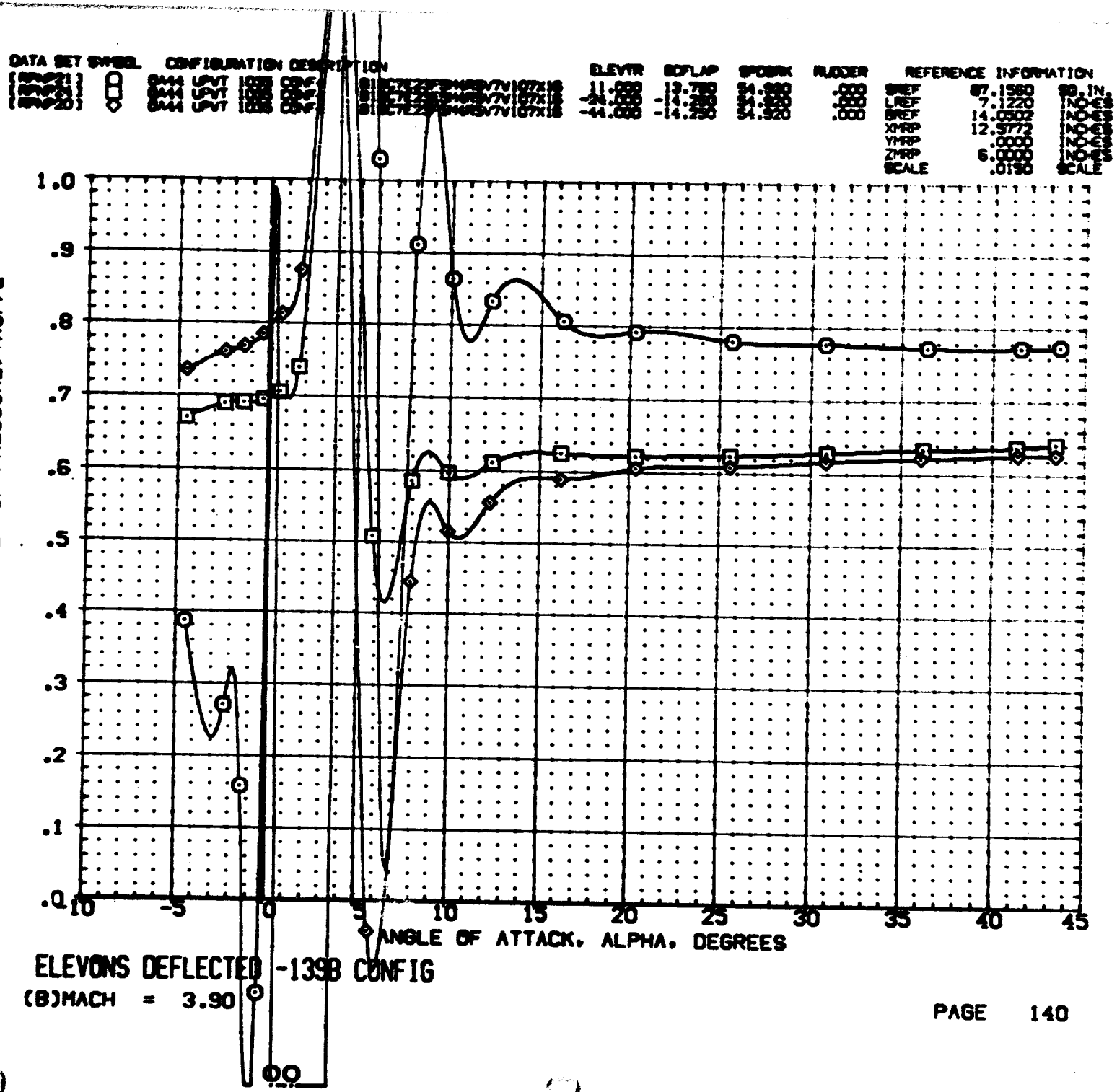
(C)MACH = 4.60

C-3



ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50



ELEVONS DEFLECTED -139B CONFIG

(B)MACH = 3.90

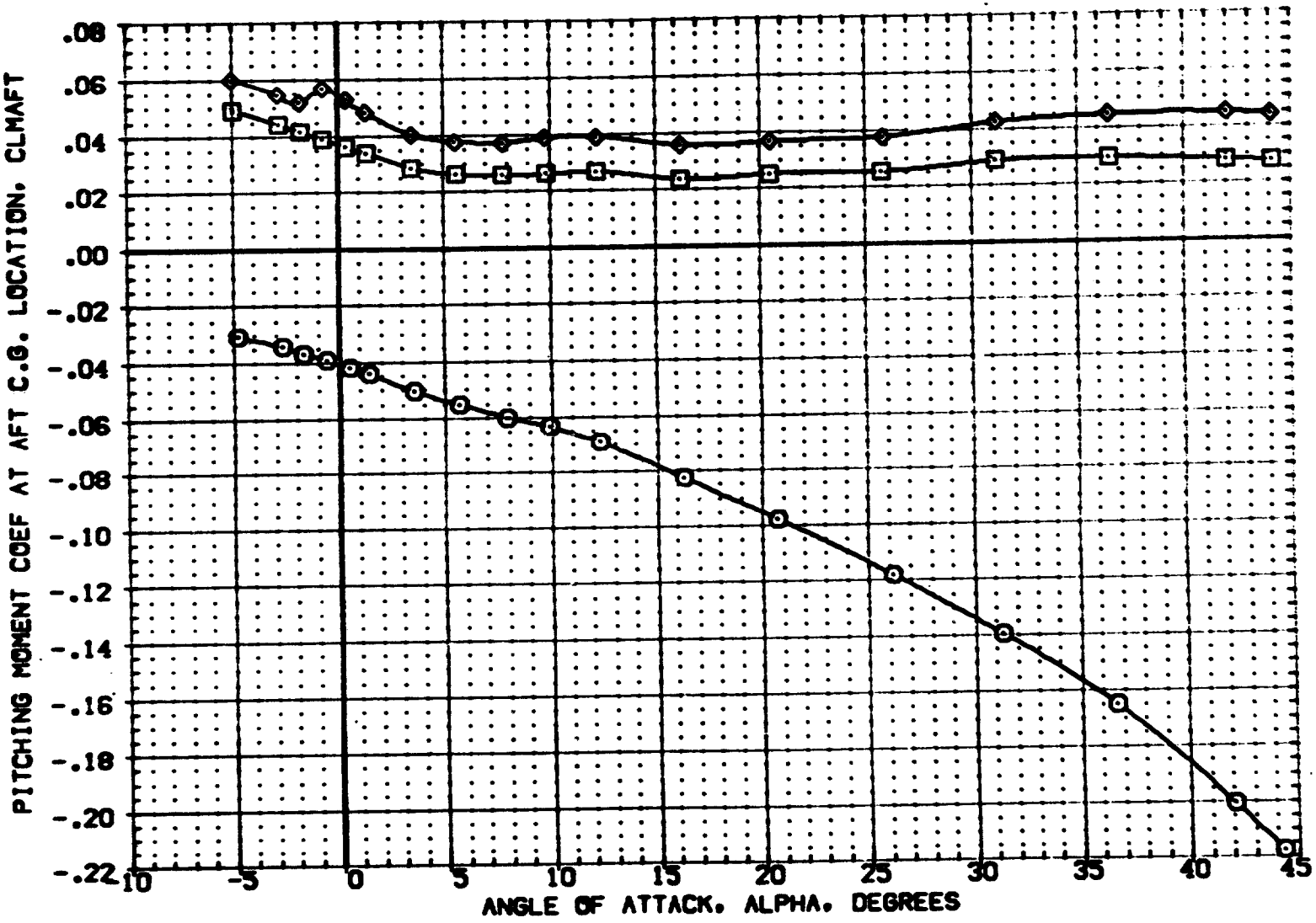


ELEVONS DEFLECTED -1398 CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

REFERENCE INFORMATION		
SREF	97.5800	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.9845	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

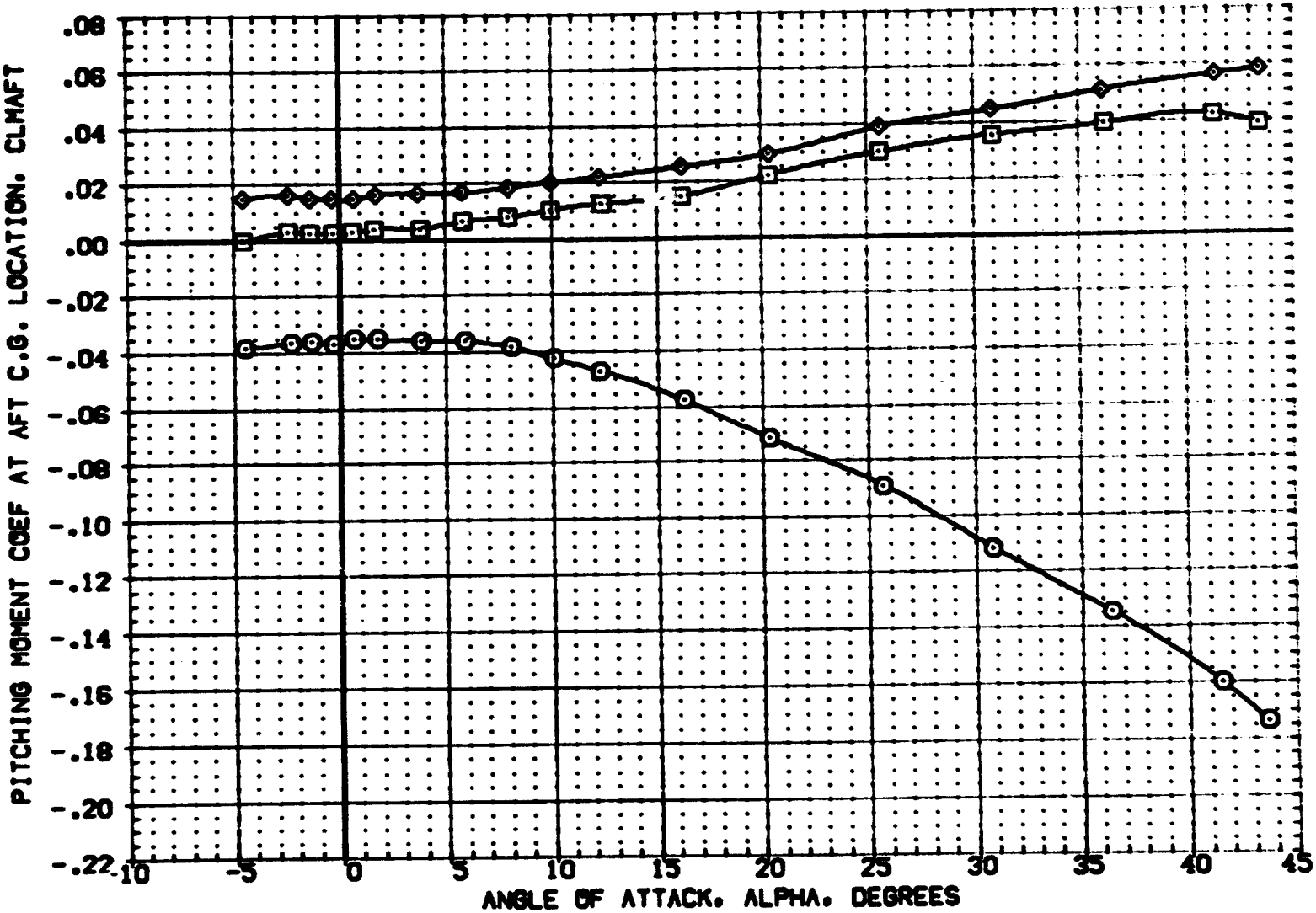


ELEVONS DEFLECTED -139B CONFIG

(A)MACH = 2.50

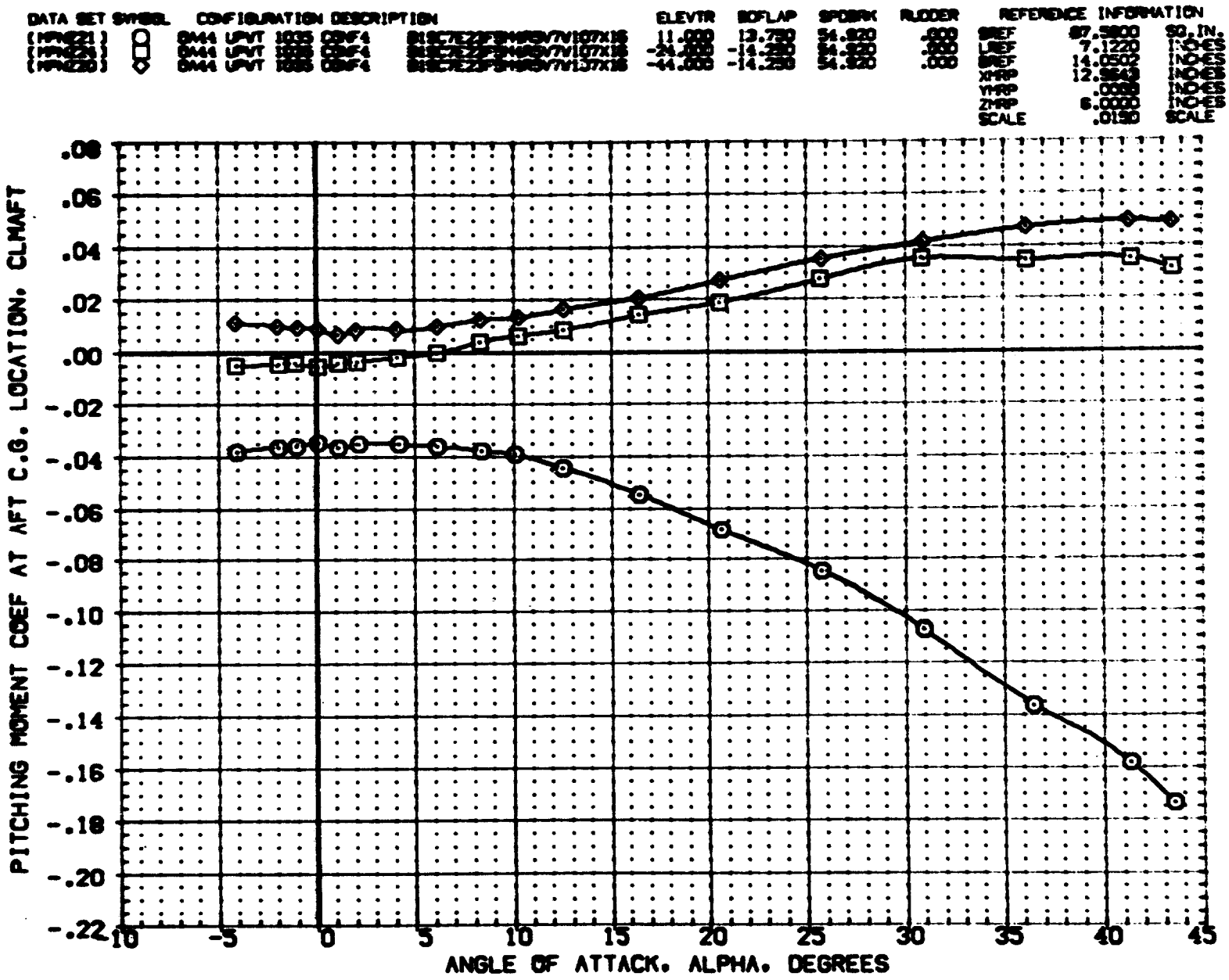
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(HPNZ21)	○	0A44 UPVT 1035 CONF4 B1SC7E23F3HA5V7V107X16	11.000	13.730	54.820	.0000
(HPNZ24)	□	0A44 UPVT 1035 CONF4 B1SC7E23F3HA5V7V107X16	-24.000	-14.250	54.820	.0000
(HPNZ28)	◇	0A44 UPVT 1035 CONF4 B1SC7E23F3HA5V7V107X16	-44.000	-14.250	54.820	.0000

REFERENCE INFORMATION		
SREF	87.3800	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.9643	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -1398 CONFIG

(B)MACH = 3.90

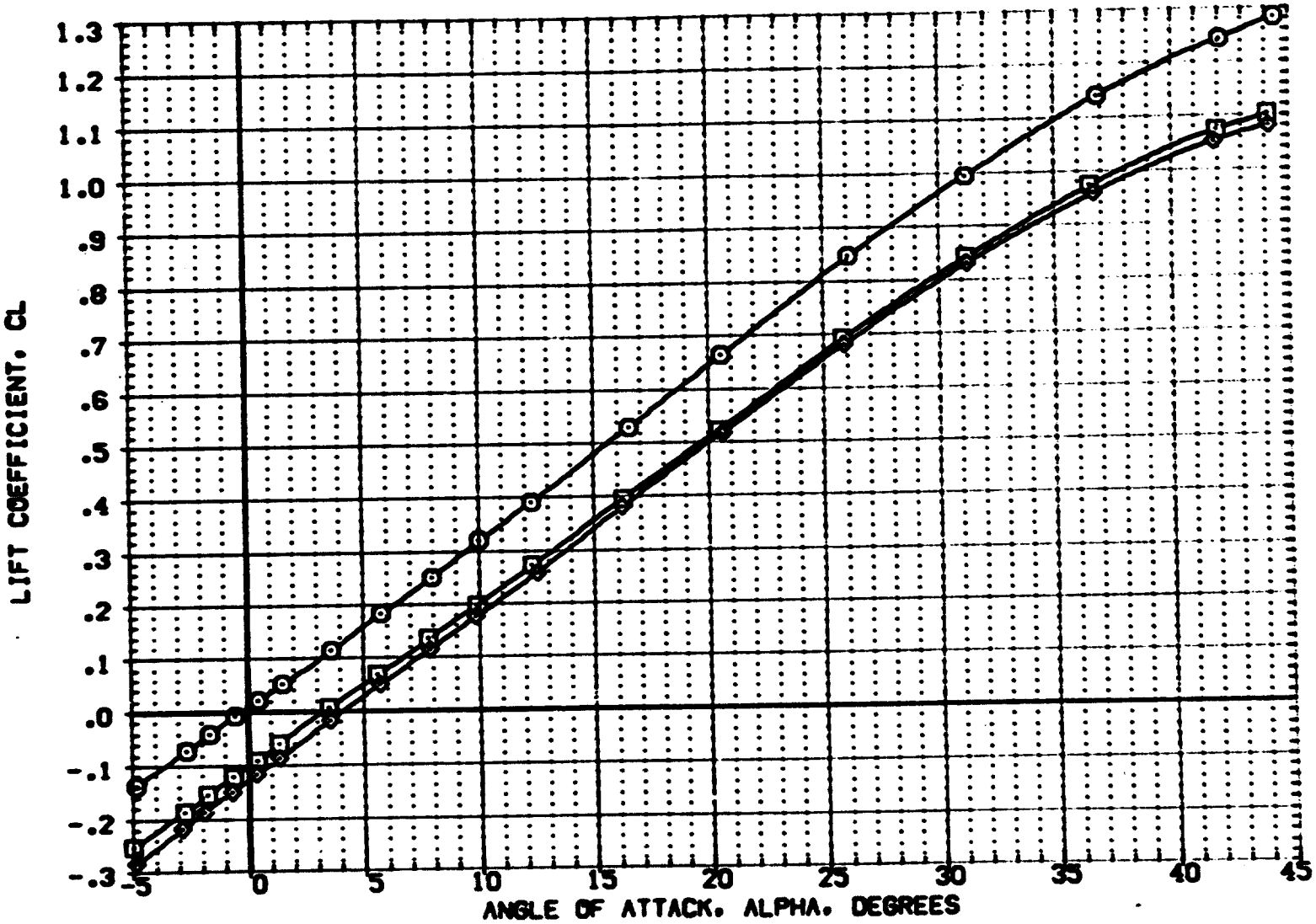


ELEVONS DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE27)	○	9A44 UPVT 1085 CONF4	821C7E23F3H4R3V7V107X16	11.000	13.750	54.920	.000
(RPNE28)	□	9A44 UPVT 1085 CONF4	821C7E23F3H4R3V7V107X16	-24.000	-14.250	54.920	.000
(RPNE26)	◇	9A44 UPVT 1085 CONF4	821C7E23F3H4R3V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

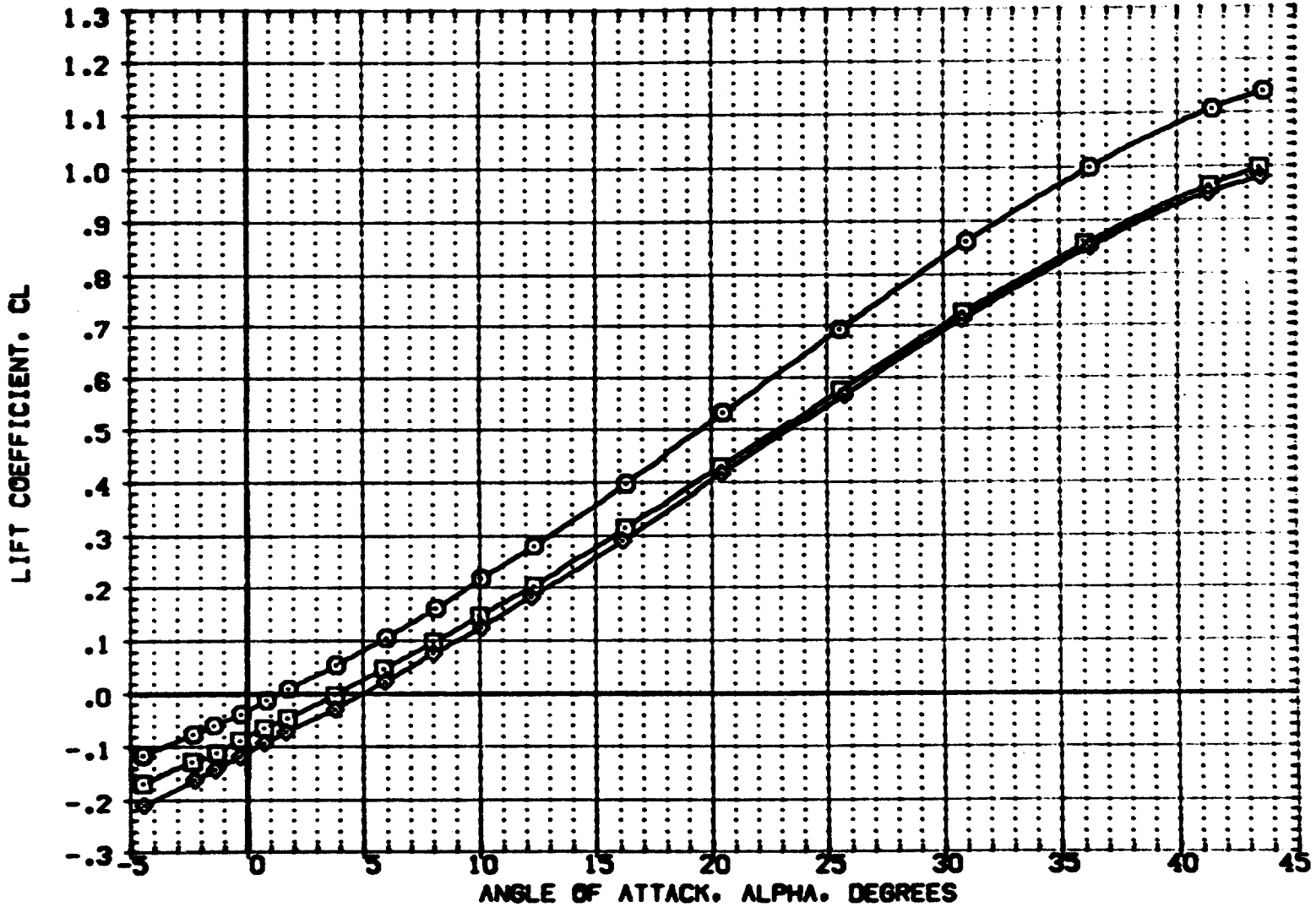


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

REFERENCE INFORMATION		
SREF	87.1360	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0600	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0190	SCALE

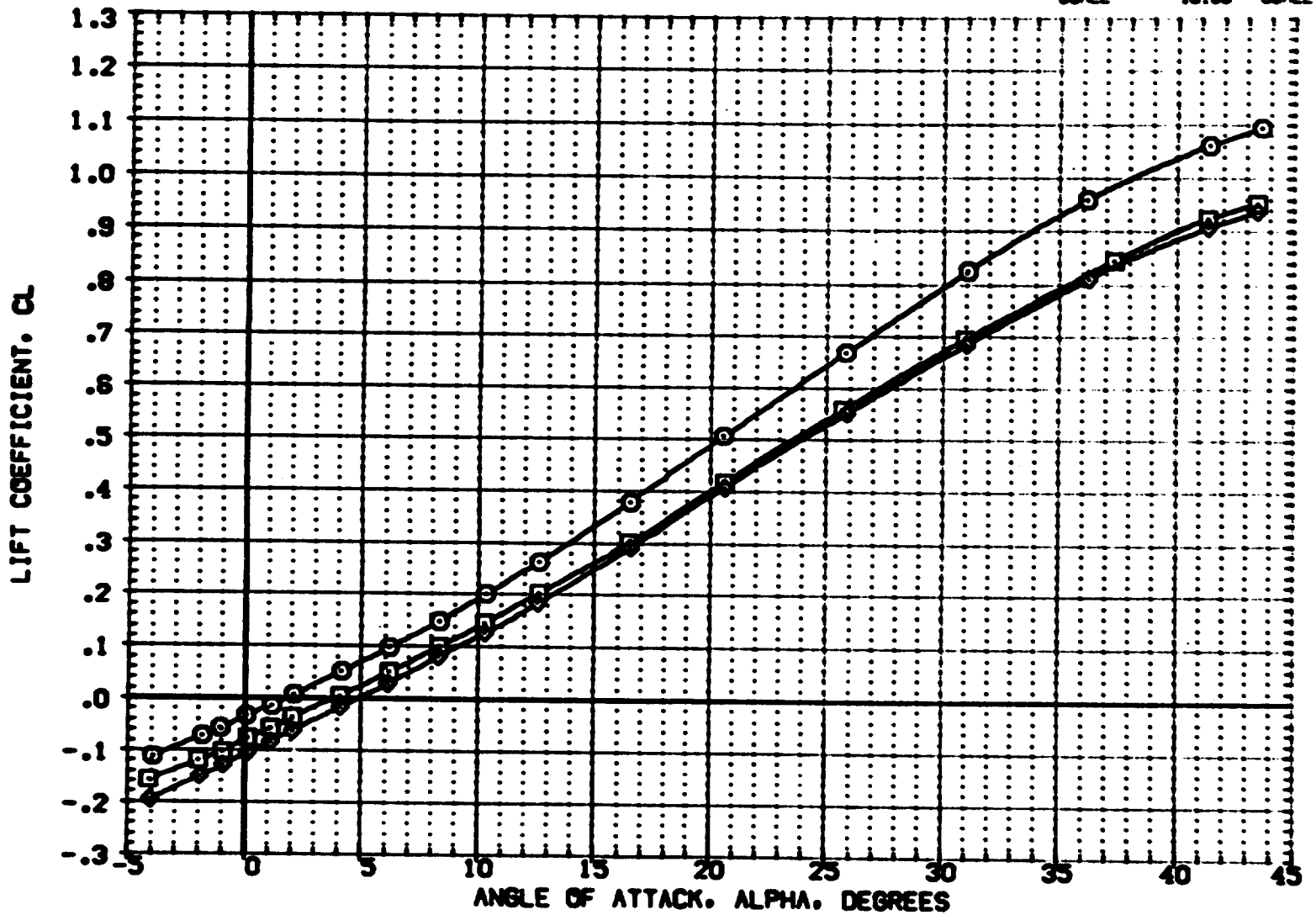


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

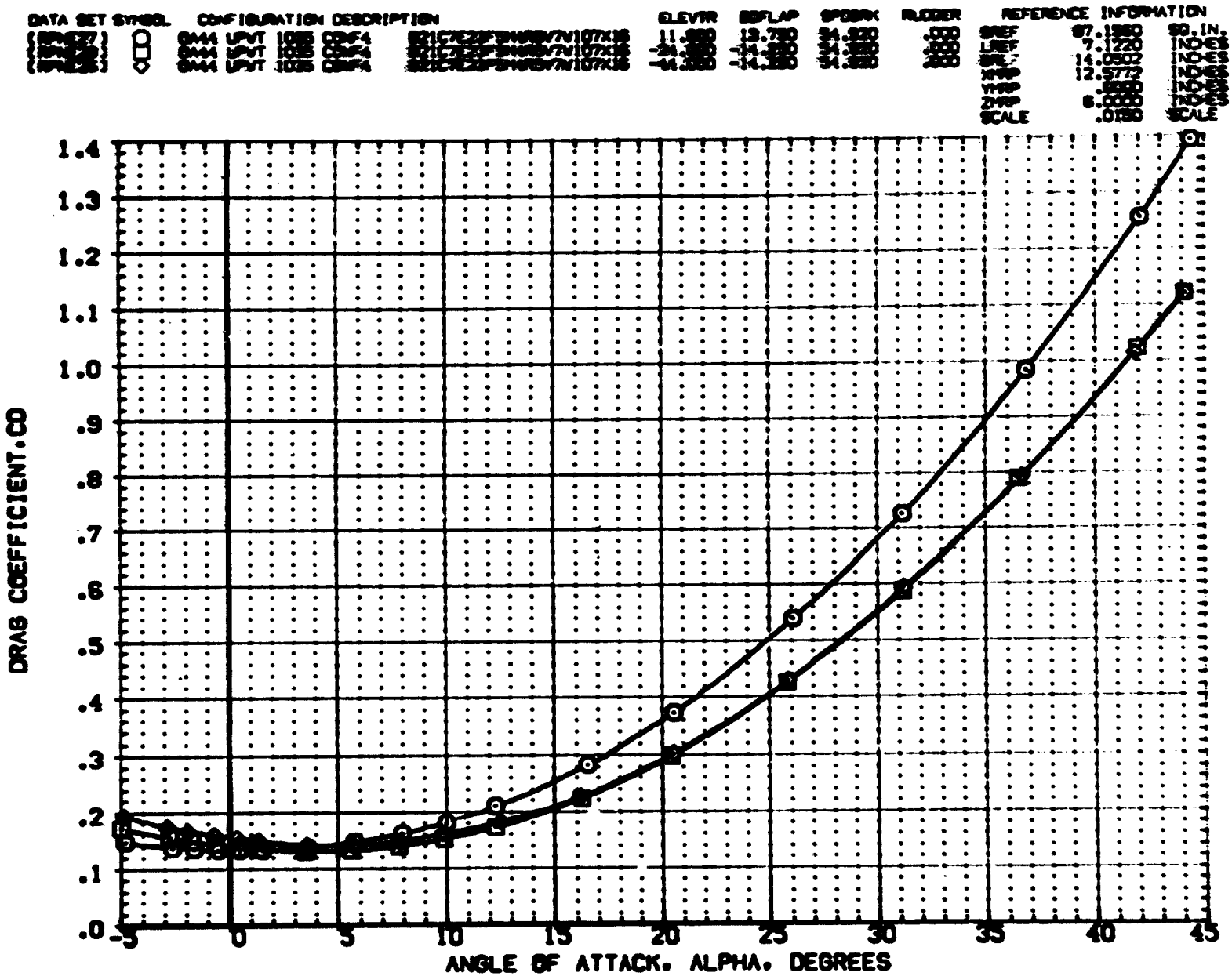
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPHE27)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	11.000	13.750	54.920	.000
(RPHE28)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	-24.000	-14.250	54.920	.000
(RPHE26)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



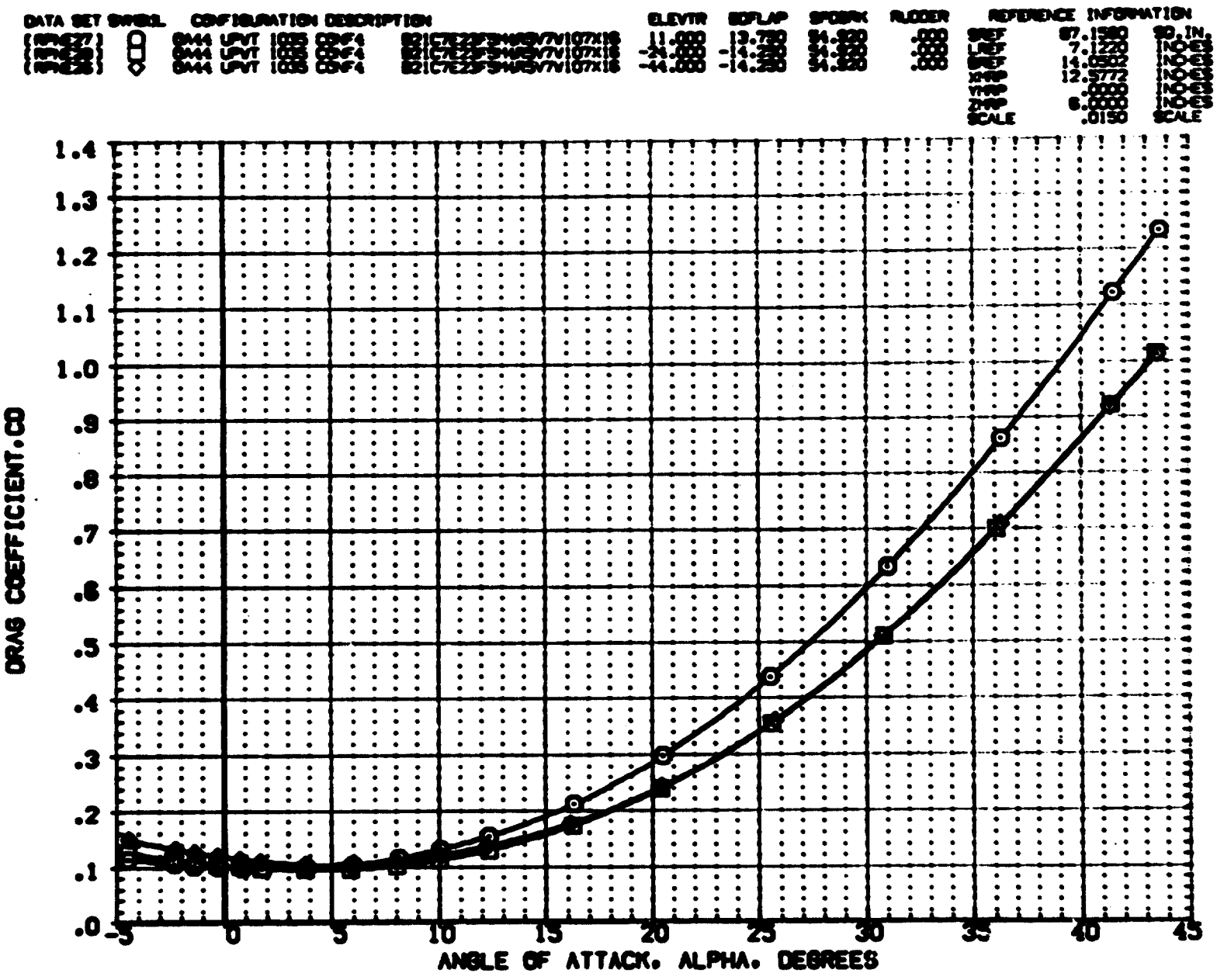
ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60



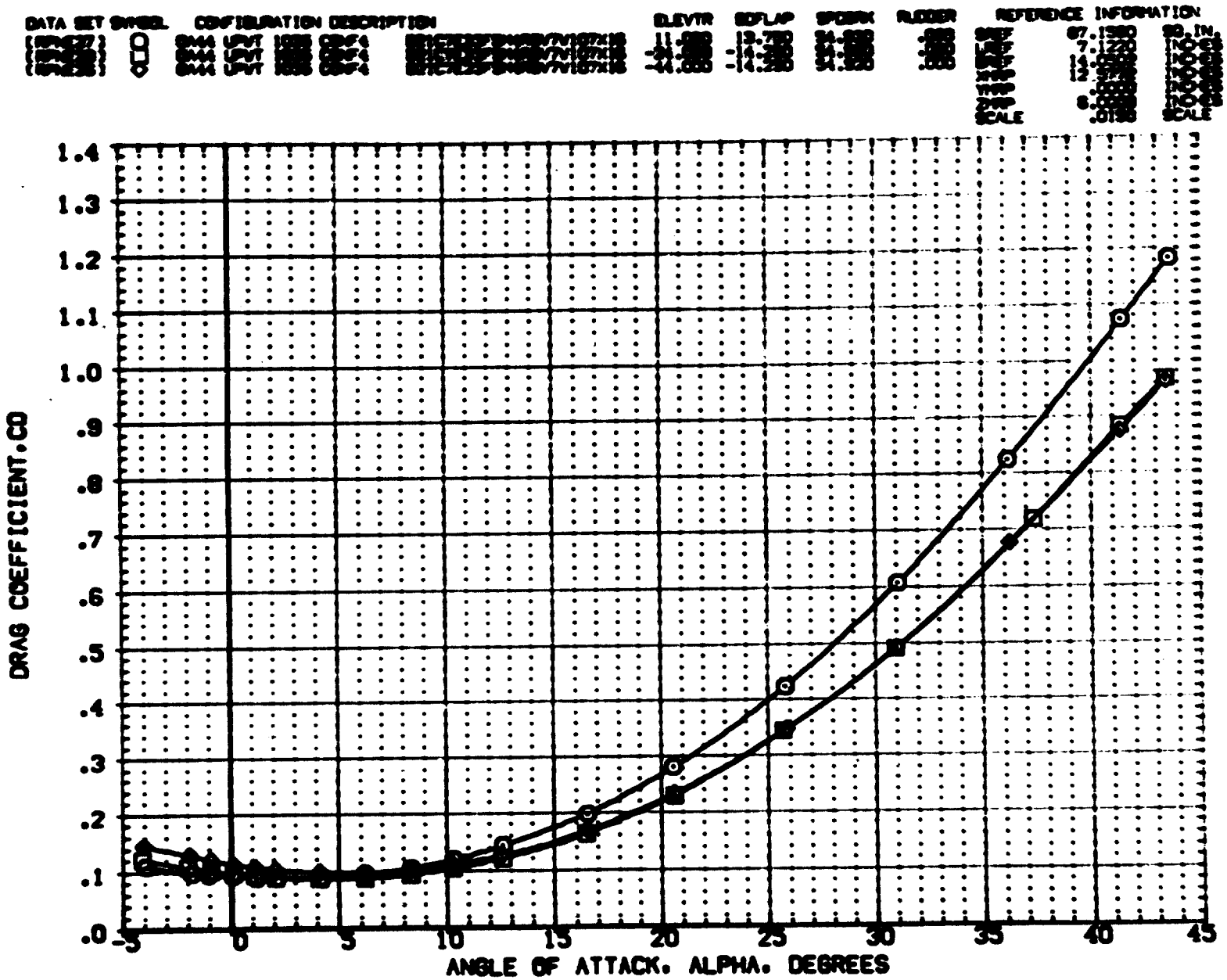
ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50



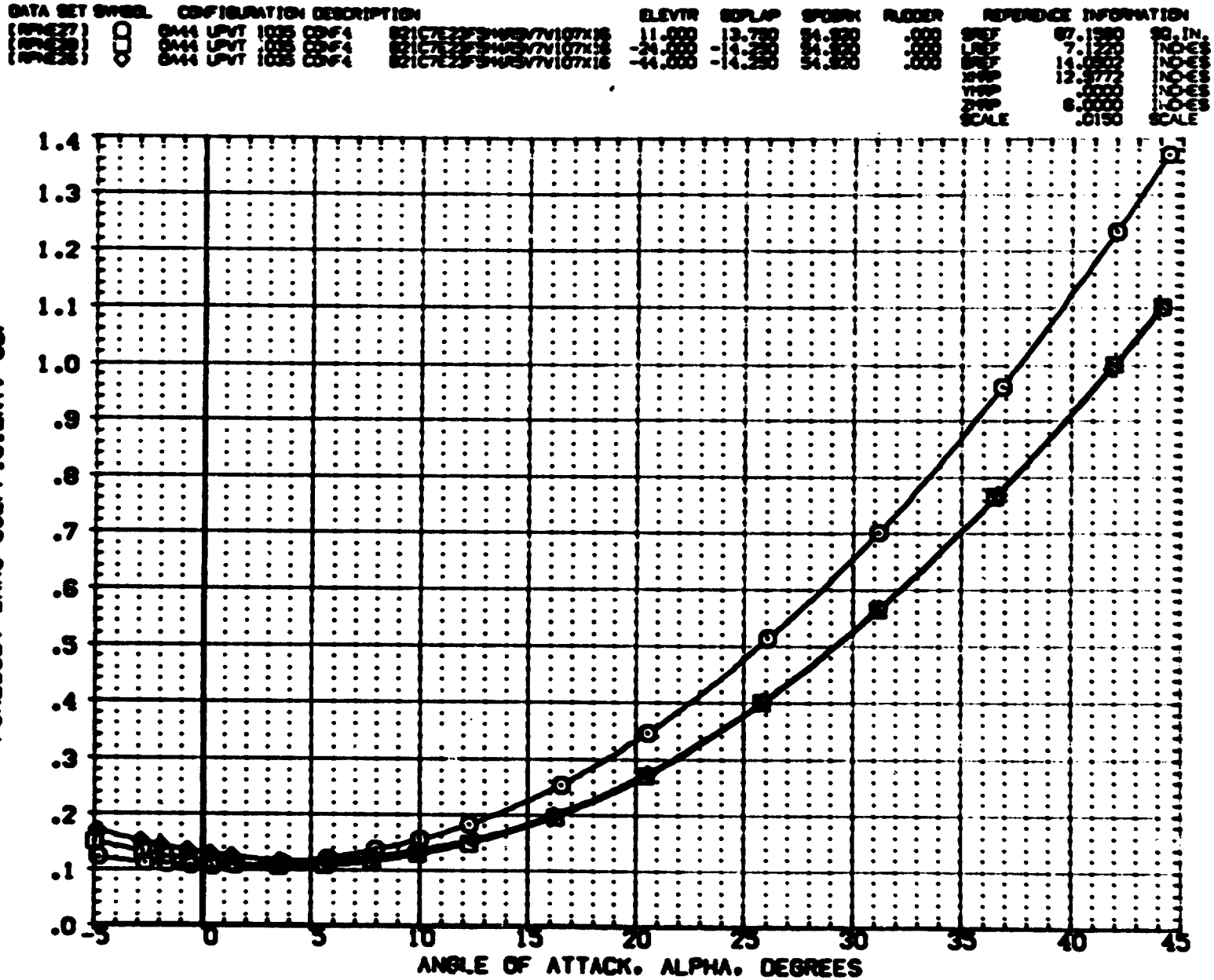
ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90



ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

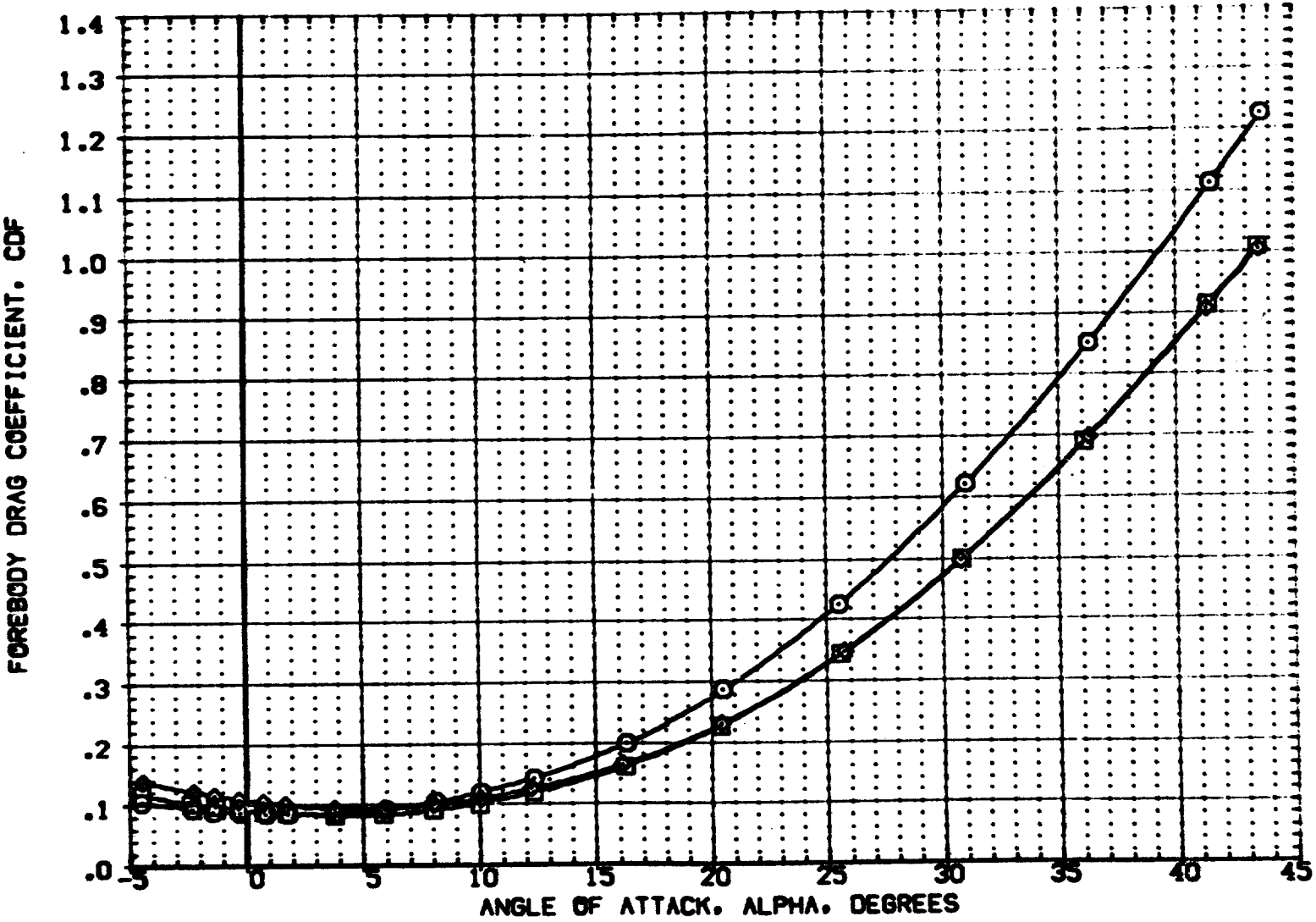


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]		0A44 UPVT 1088 CDCF4 [illegible]	11.000	13.750	54.820	.000
[illegible]		0A44 UPVT 1088 CDCF4 [illegible]	-24.000	-14.250	54.820	.000
[illegible]		0A44 UPVT 1088 CDCF4 [illegible]	-44.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

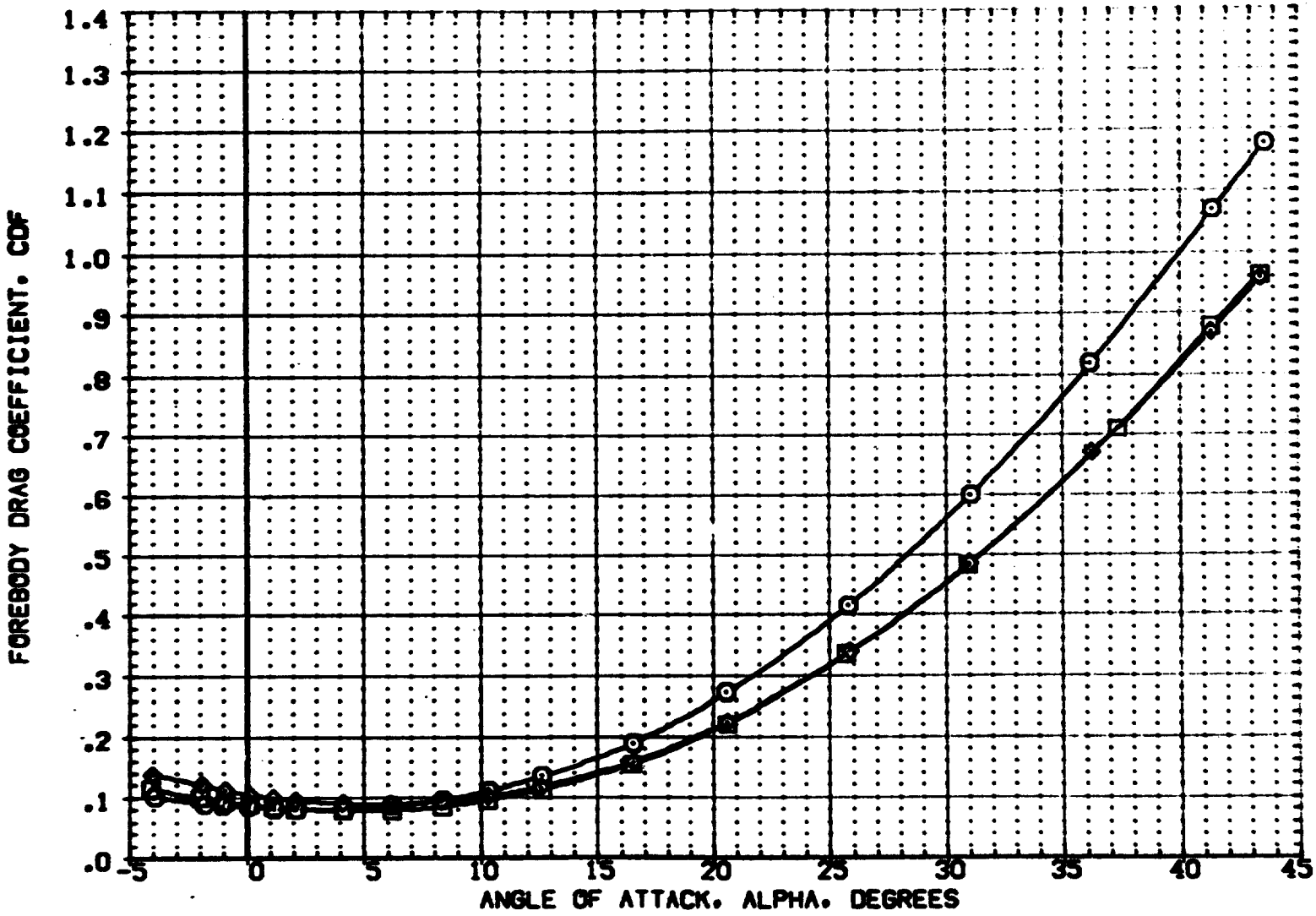


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

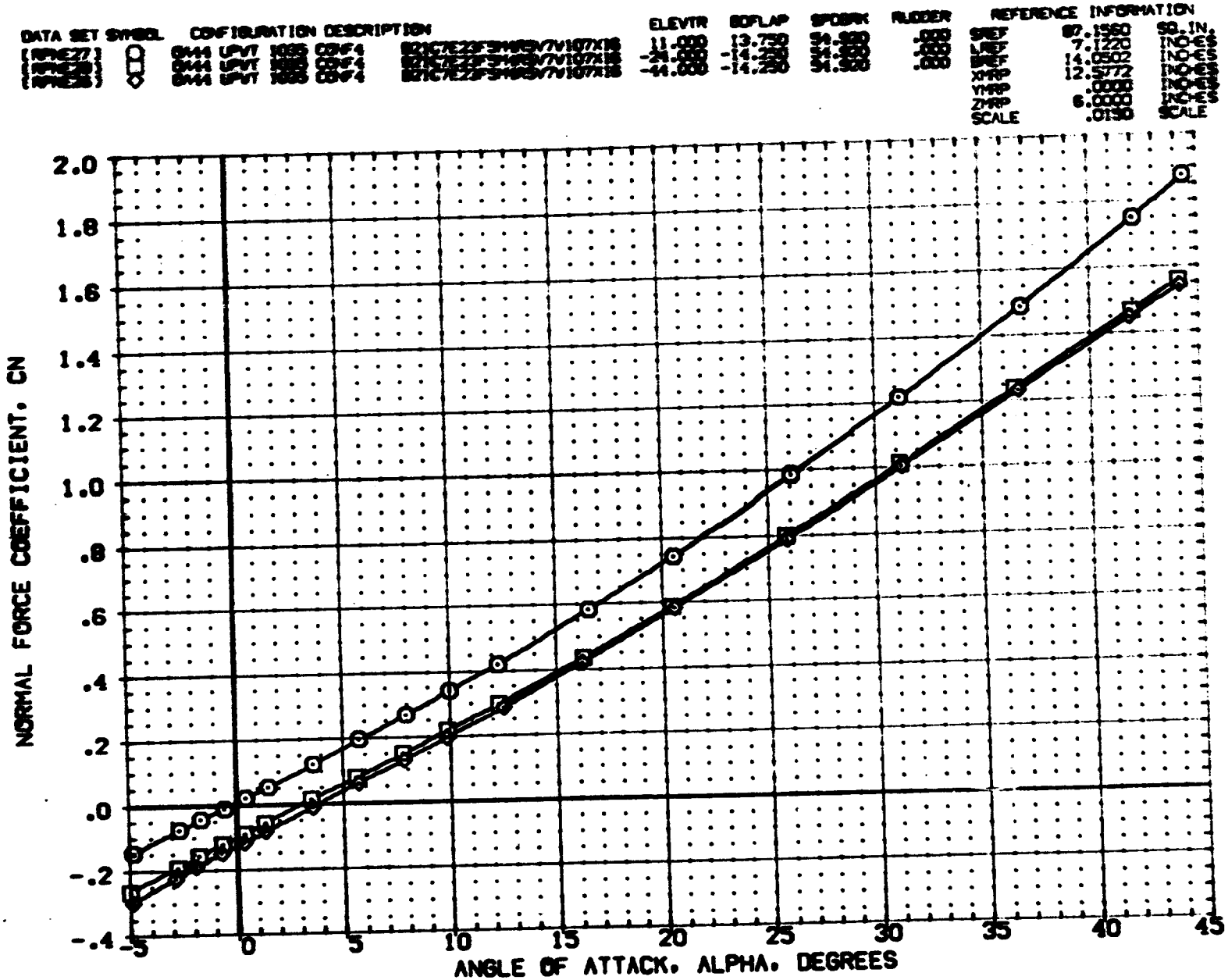
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RUN27)	□	0A44 UPVT 1035 CONF4	B21C7E23F3H4R3V7V107X16	11.000	13.750	54.920	.000
(RUN28)	□	0A44 UPVT 1035 CONF4	B21C7E23F3H4R3V7V107X16	-24.000	-14.250	54.920	.000
(RUN28)	◇	0A44 UPVT 1035 CONF4	B21C7E23F3H4R3V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

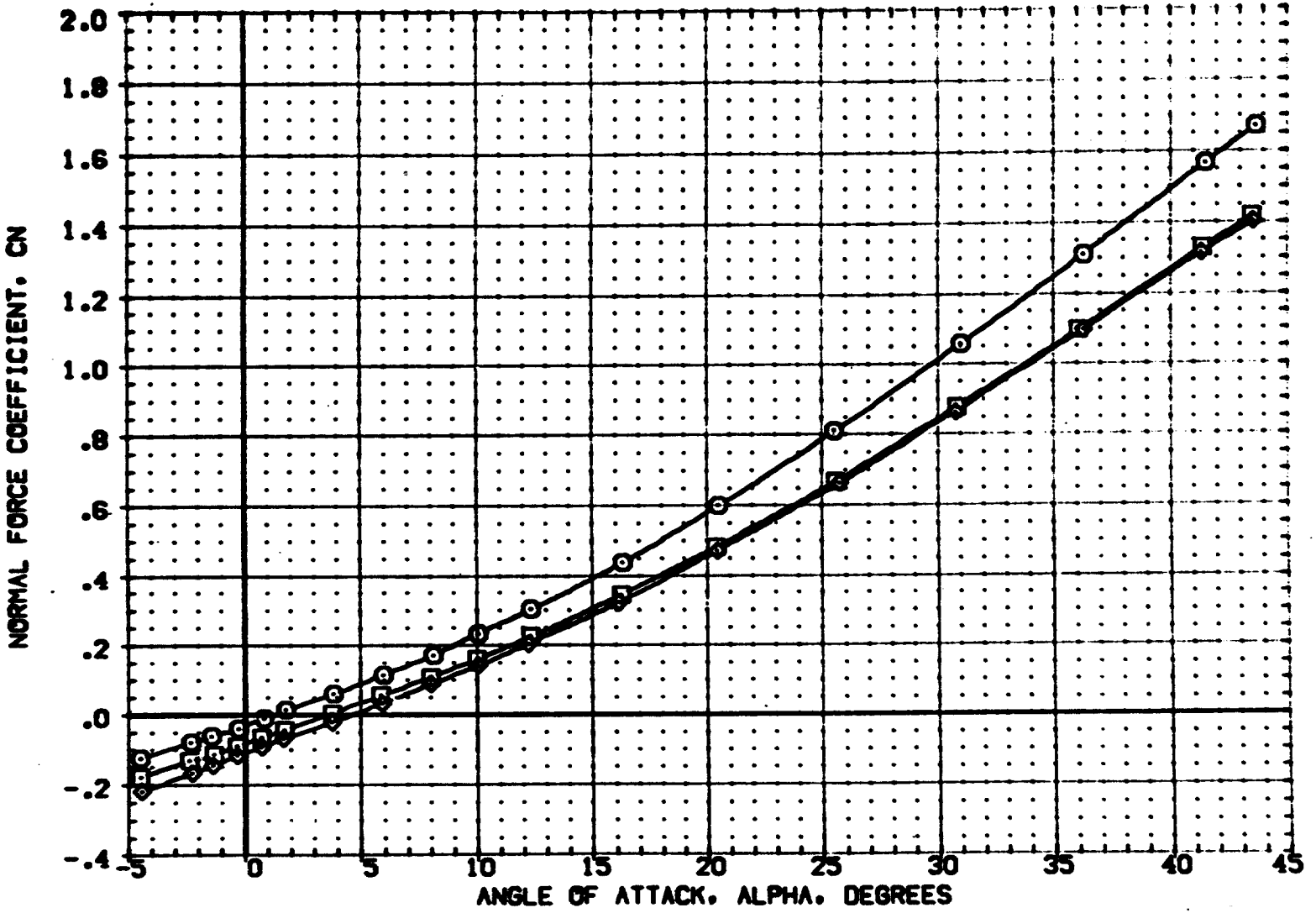


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNE27]	○	8A44 UPVT 1085 CONF4 B21C7E22F3HUR3V7V107X18	11.000	13.750	54.820	.0000
[RPNE28]	□	8A44 UPVT 1085 CONF4 B21C7E22F3HUR3V7V107\18	-24.000	-14.250	54.820	.0000
[RPNE29]	◇	8A44 UPVT 1085 CONF4 B21C7E22F3HUR3V7V107^18	-44.000	-14.250	54.820	.0000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

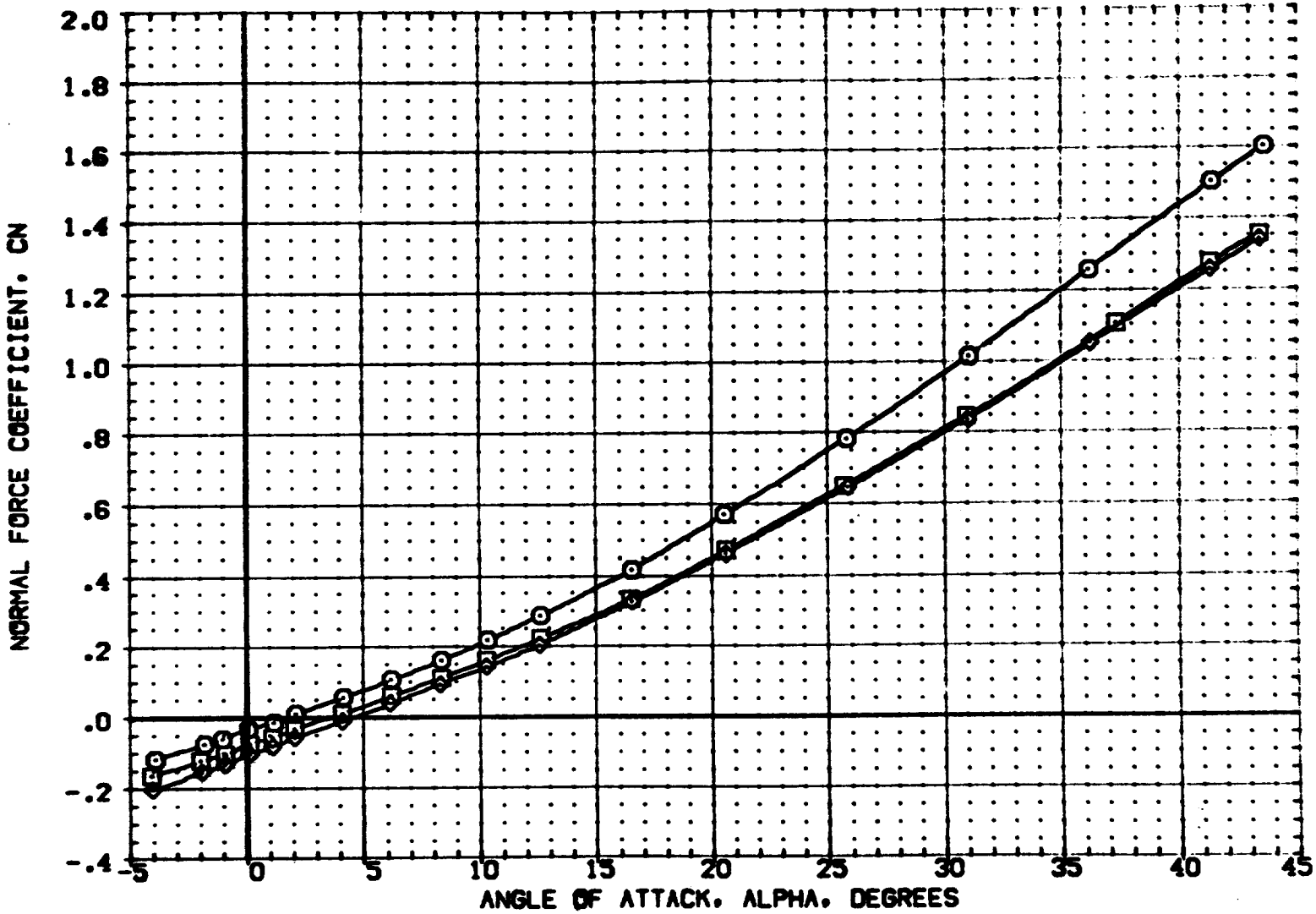


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	FFLAP	SPOBRK	RUDDER
[RPNE27]		0A44 UPVT 1035 CONF4 B21C7E22F8H4B8V7V107X18	11.000	13.750	54.920	.000
[RPNE28]		0A44 UPVT 1035 CONF4 B21C7E22F8H4B8V7V107X18	-24.000	-14.250	54.920	.000
[RPNE29]		0A44 UPVT 1035 CONF4 B21C7E22F8H4B8V7V107X18	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0198	SCALE

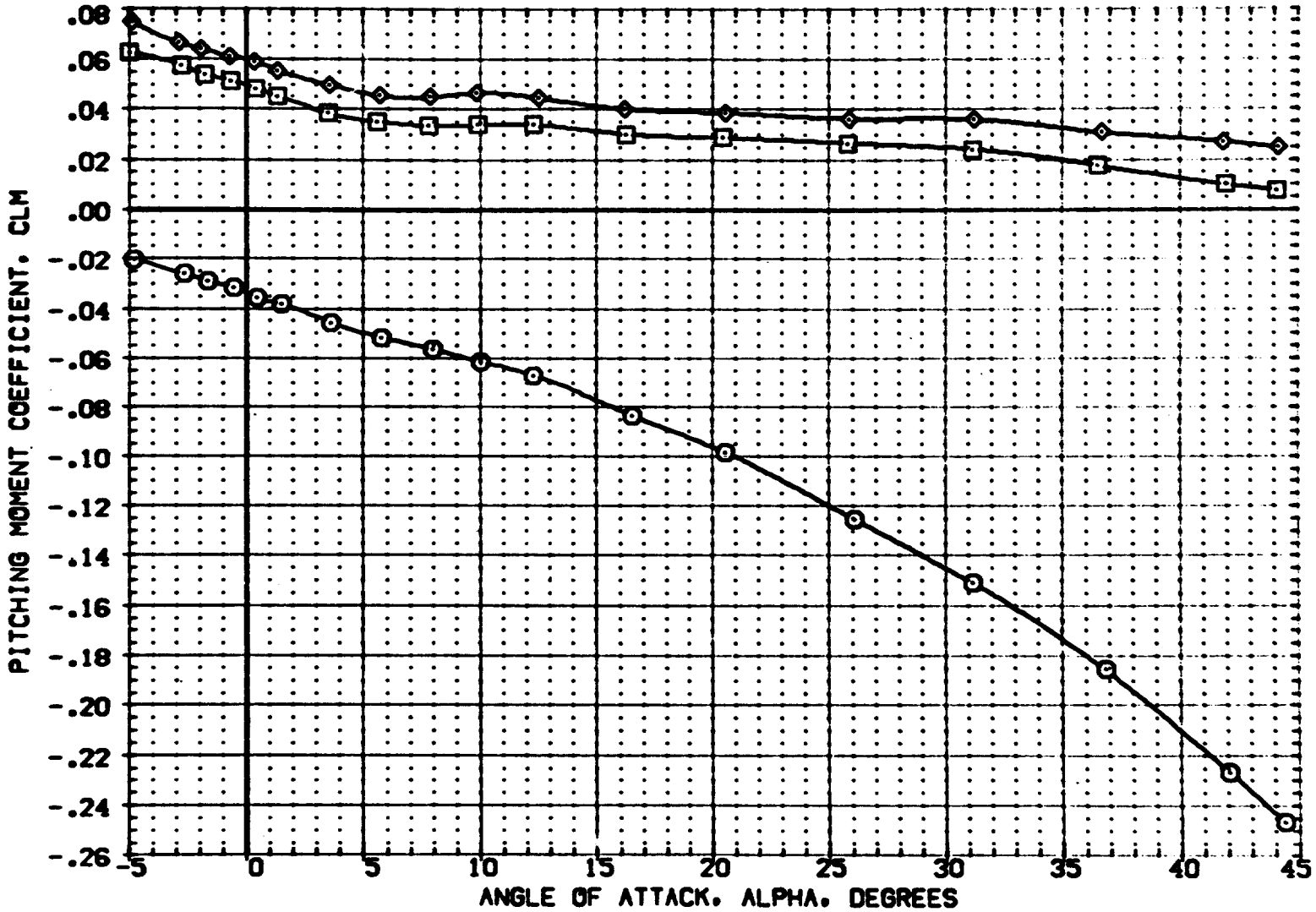


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BKFLAP	SPOBRK	RUDDER
(RPNE27)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE28)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.820	.000
(RPNE26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

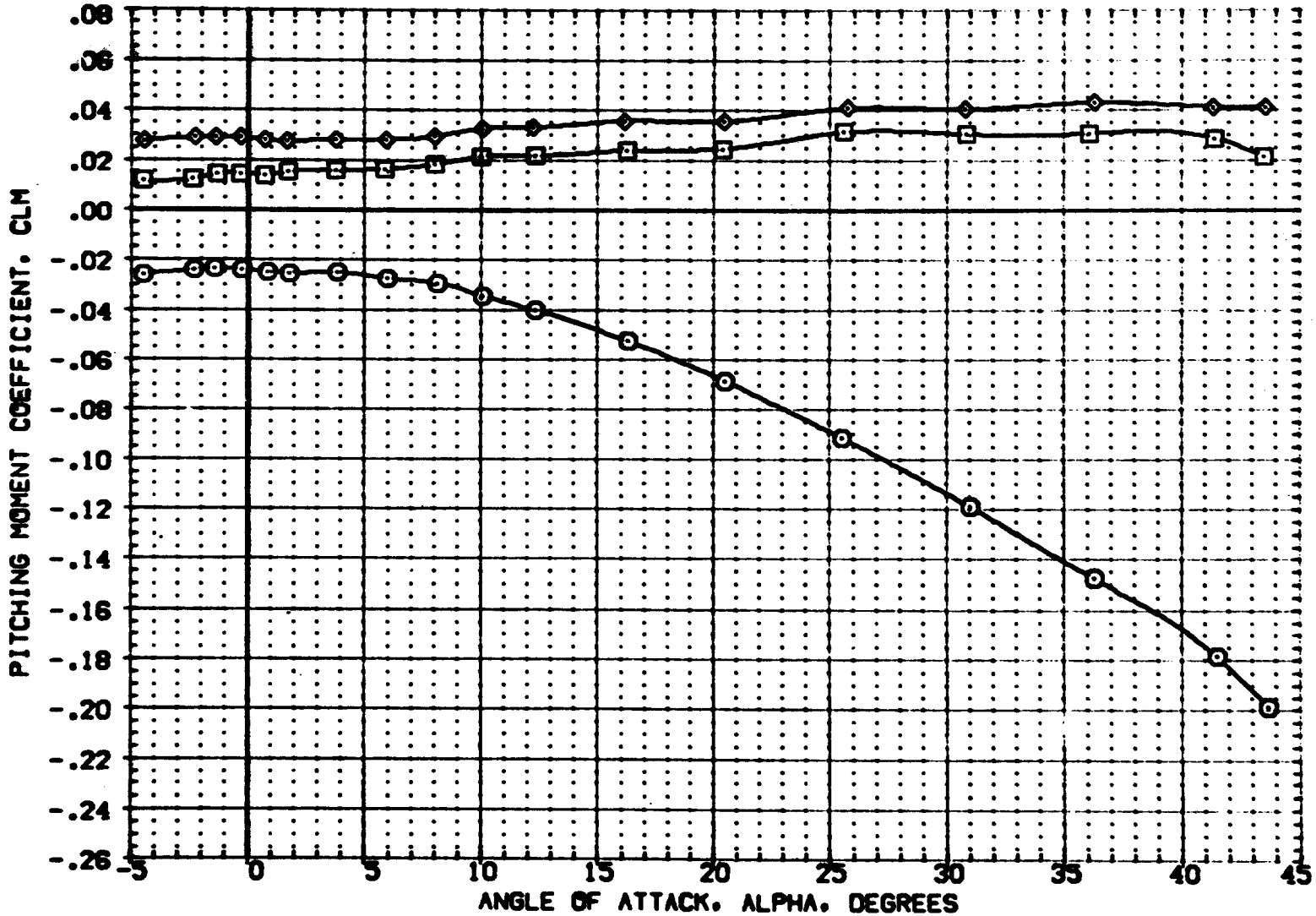


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE27)	○	0444 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X18	11.000	13.750	54.920	.000
(RPNE28)	□	0441 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X18	-24.000	-14.250	54.920	.000
(RPNE29)	◇	0441 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X18	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

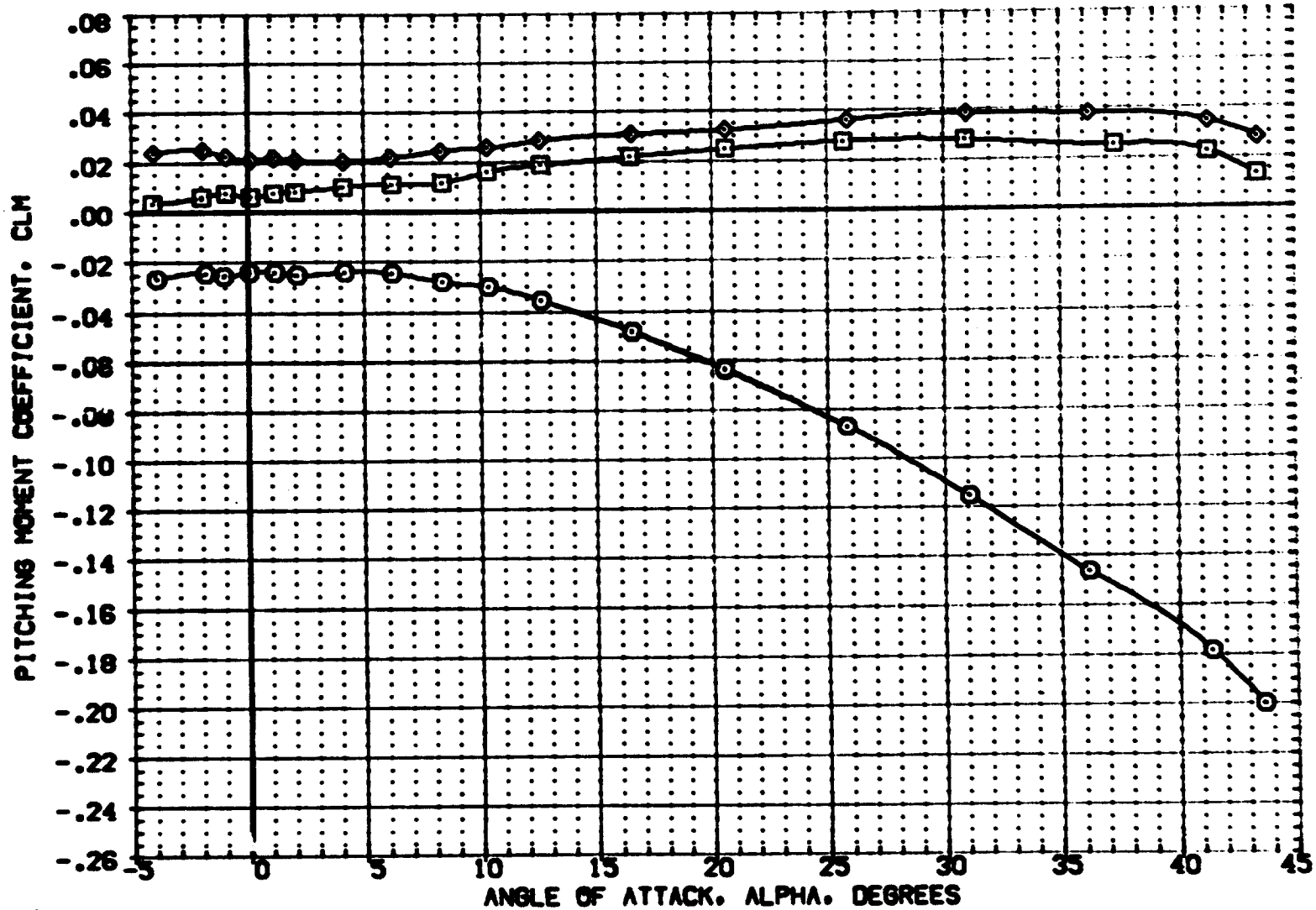


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPHE27)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	11.000	-13.750	54.920	.000
(RPHE28)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPHE26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



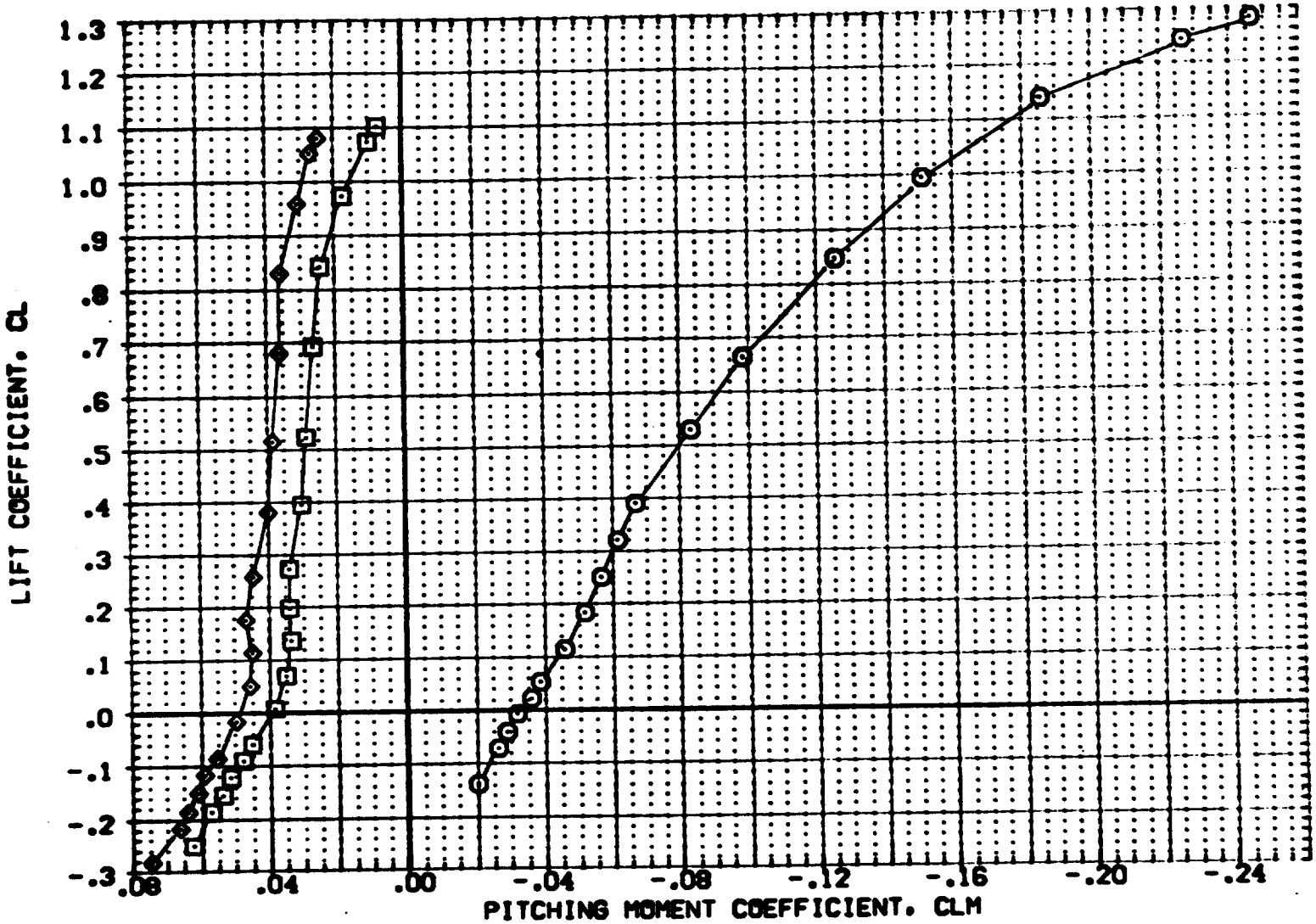
ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RFNE27)	□	0444 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	11.000	13.730	54.920	.000
(RFNE28)	◇	0444 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RFNE26)	◇	0444 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

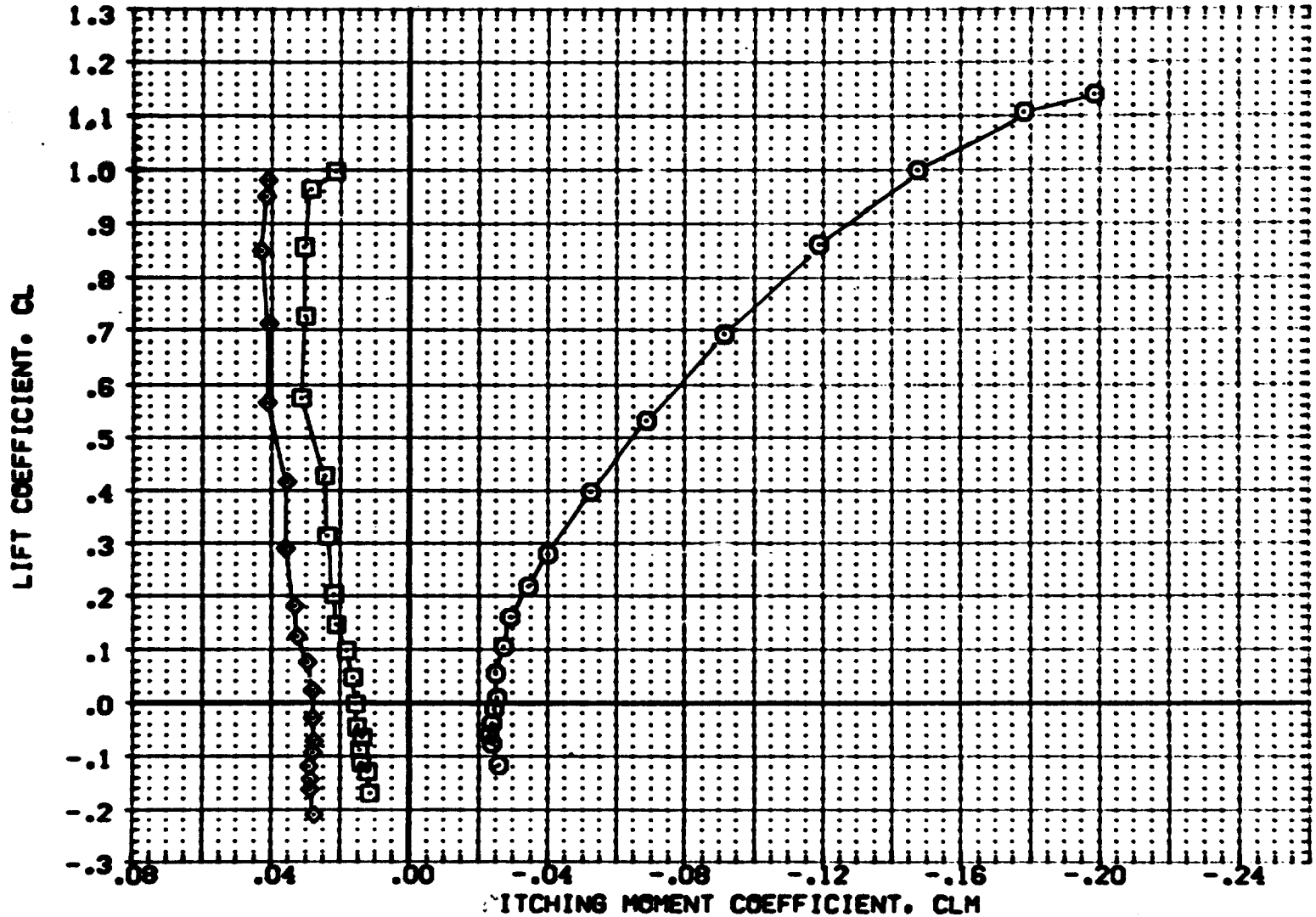


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE27)	□	0A44 UPVT 1035 OBNF4	B21C7E23F3H4RBV7V107X18		11.000	13.750	54.820	.000
(RPNE28)	○	0A44 UPVT 1035 OBNF4	B21C7E23F3H4RBV7V107X18		-24.000	-14.250	54.820	.000
(RPNE29)	◇	0A44 UPVT 1035 OBNF4	B21C7E23F3H4RBV7V107X18		-44.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

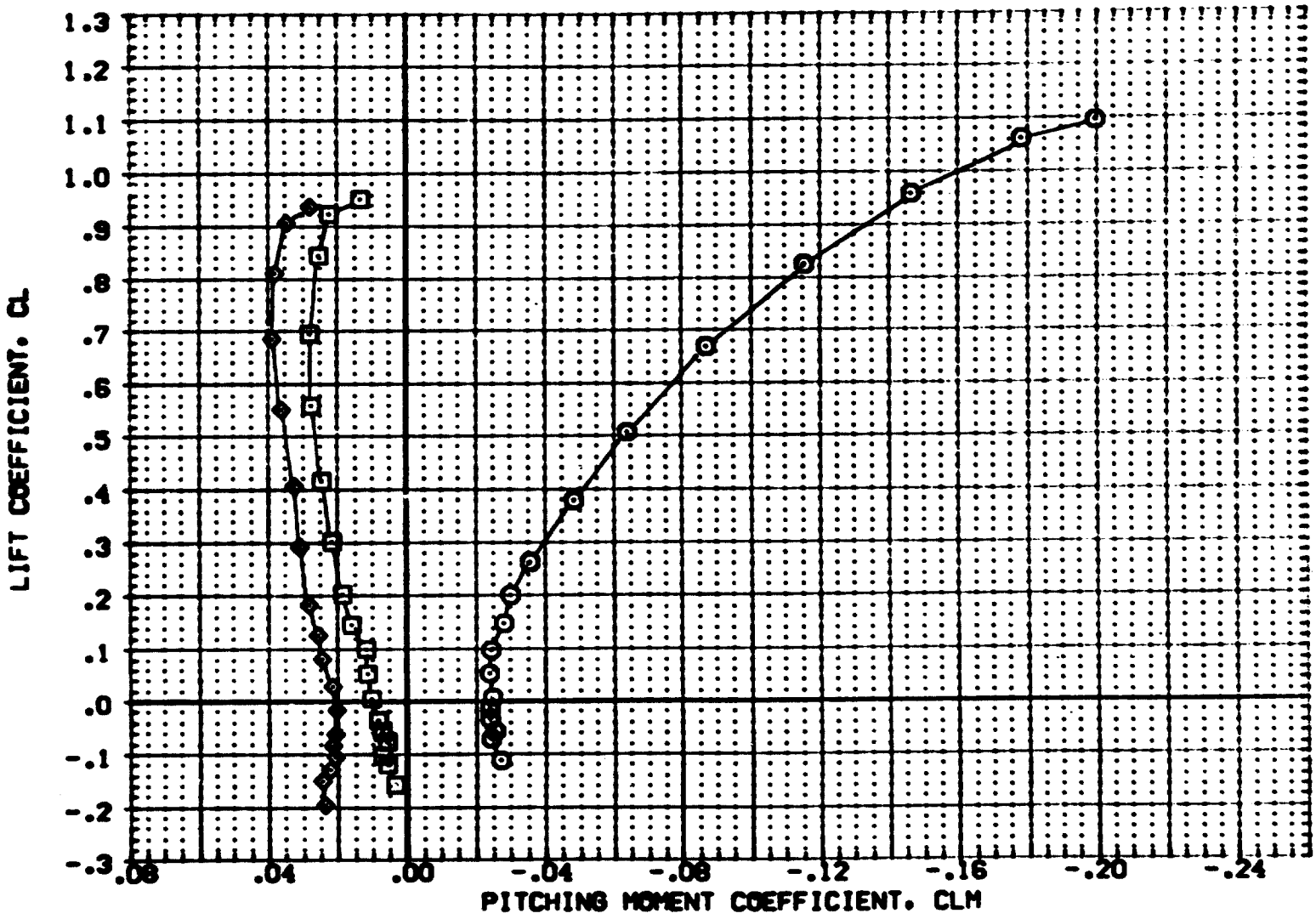


ELEVONS DEFLECTED 1398 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	□	0A44 UPVT 1098 CONF4 [illegible]	11.000	-13.750	54.920	.000
[illegible]	□	0A44 UPVT 1098 CONF4 [illegible]	-24.000	-14.250	54.920	.000
[illegible]	◇	0A44 UPVT 1095 CONF4 B21C7E23F5H05V7V107X18	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1980	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

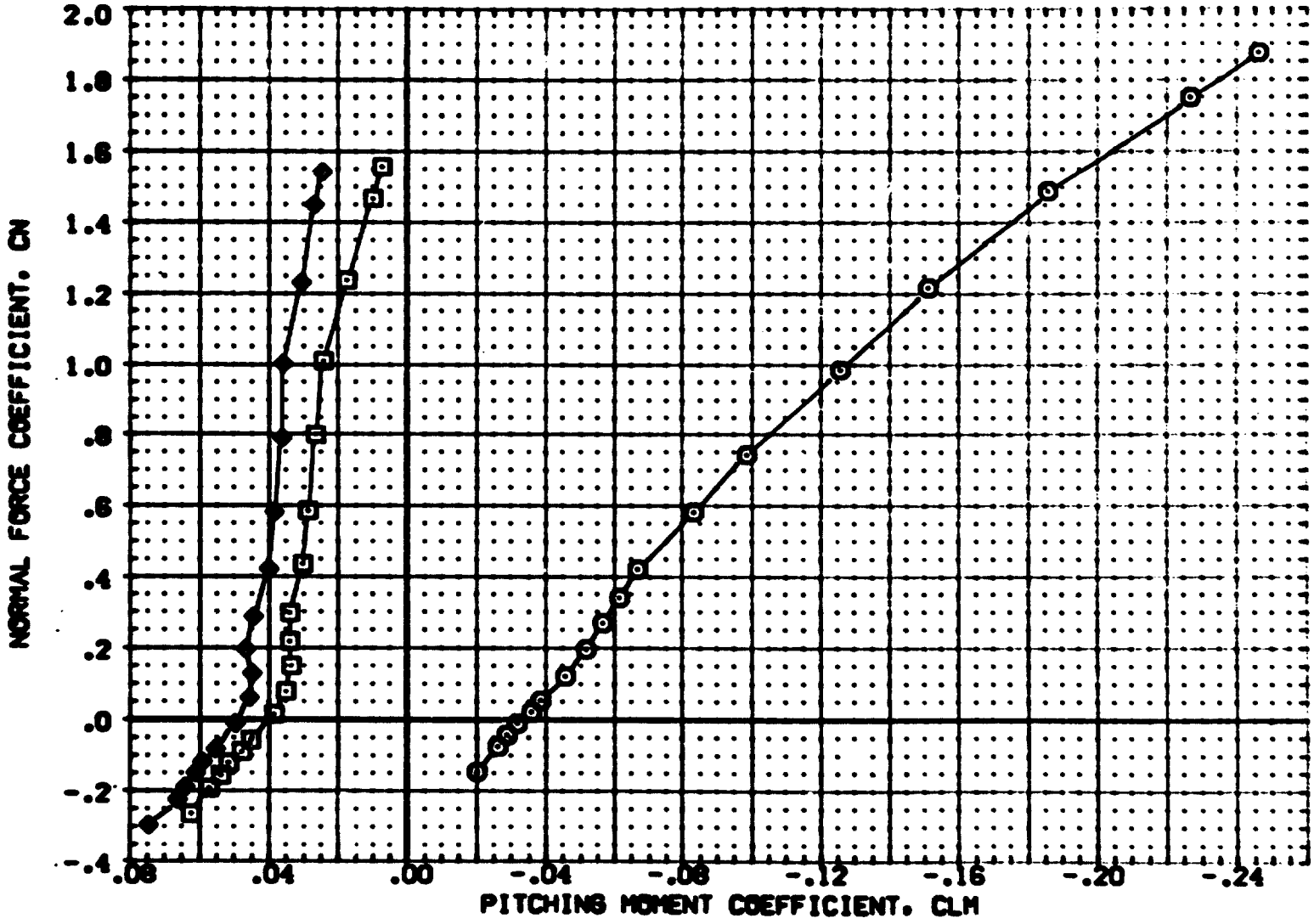


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

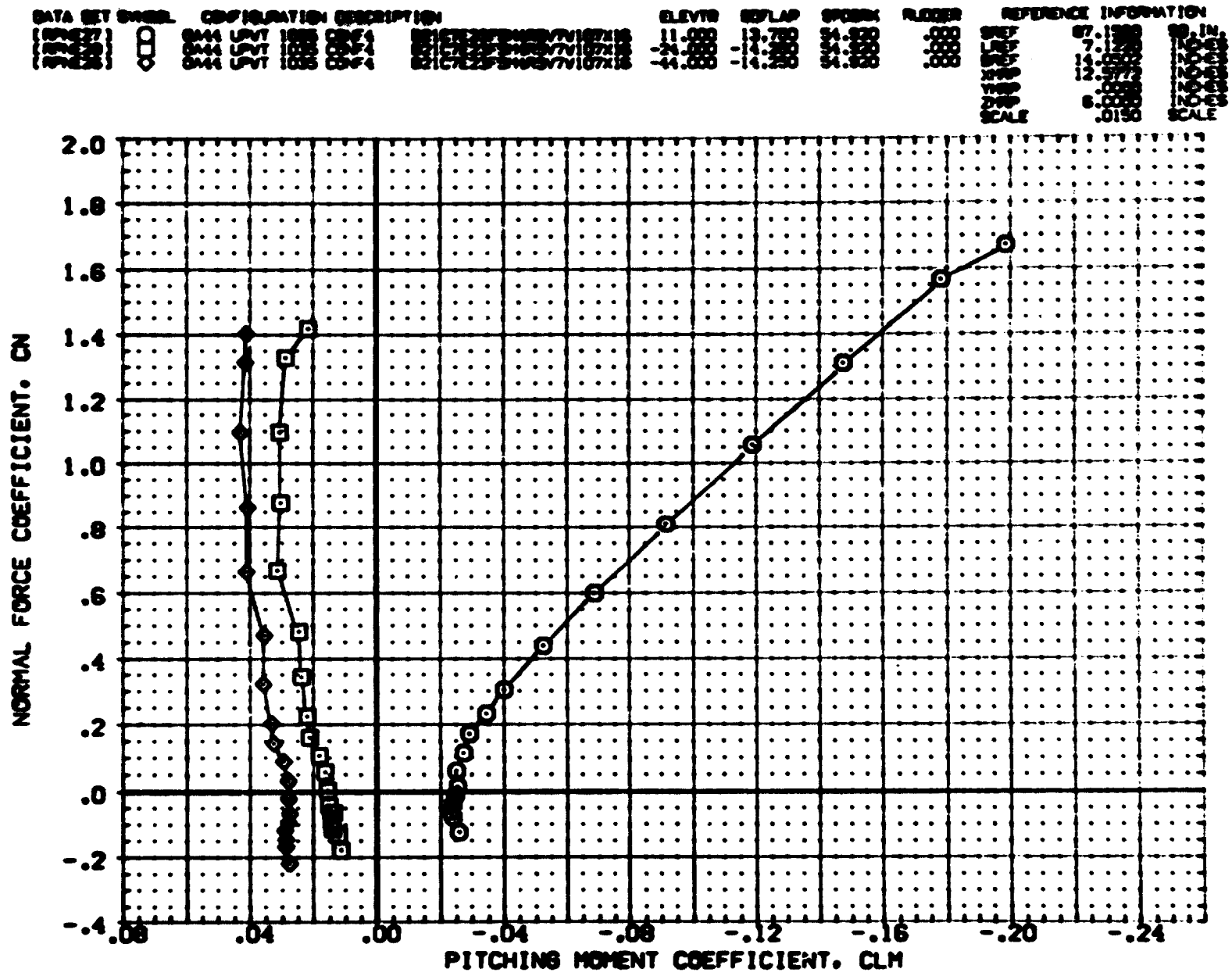
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	○	0444 UPVT 1085 CONF4	B21C7E22F3HVB5V7V107X16	11.000	13.750	54.920	.000
[illegible]	□	0444 UPVT 1085 CONF4	B21C7E22F3HVB5V7V107X16	-24.000	-14.250	54.920	.000
[illegible]	◇	0444 UPVT 1085 CONF4	B21C7E22F3HVB5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



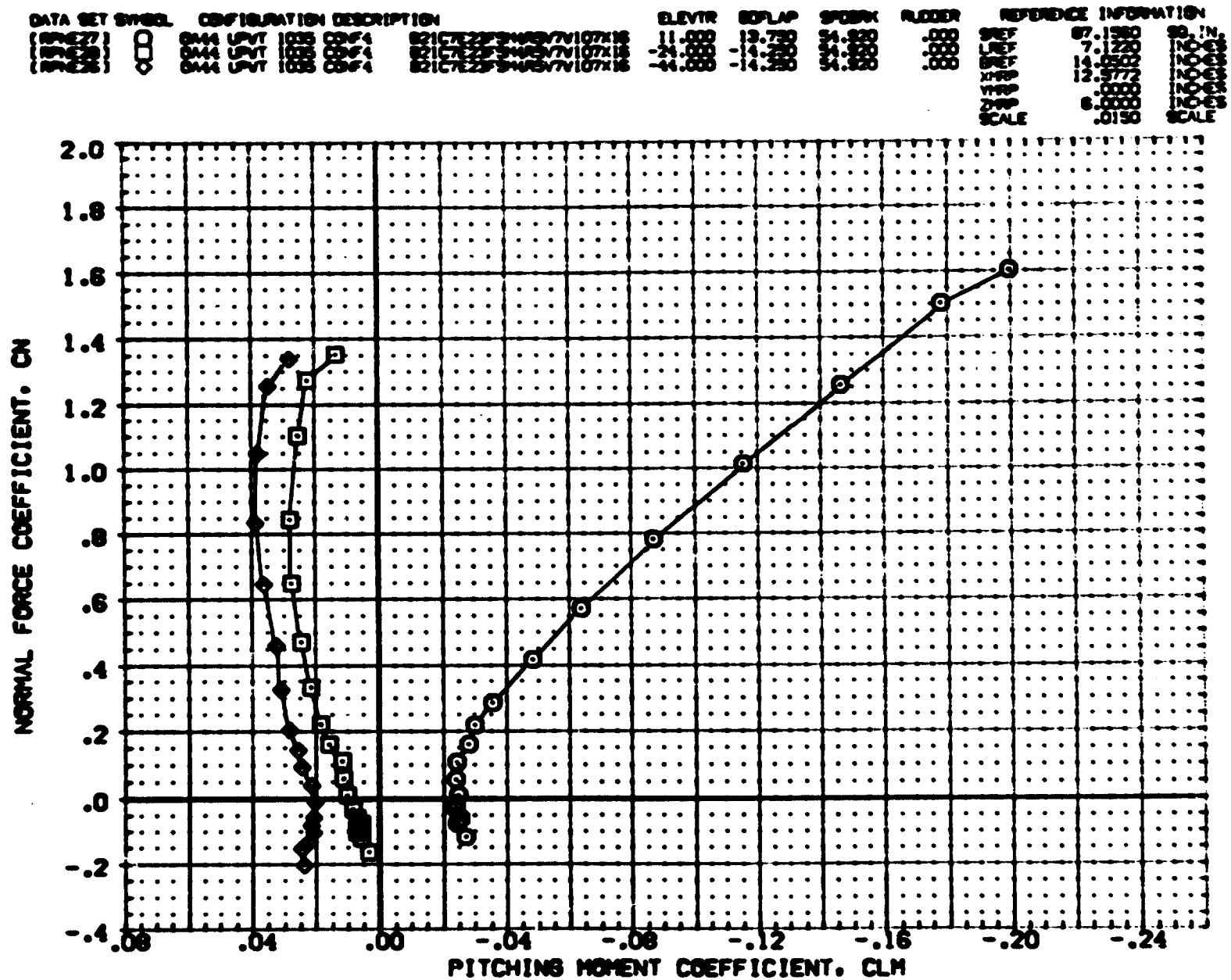
ELEVONS DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50



ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

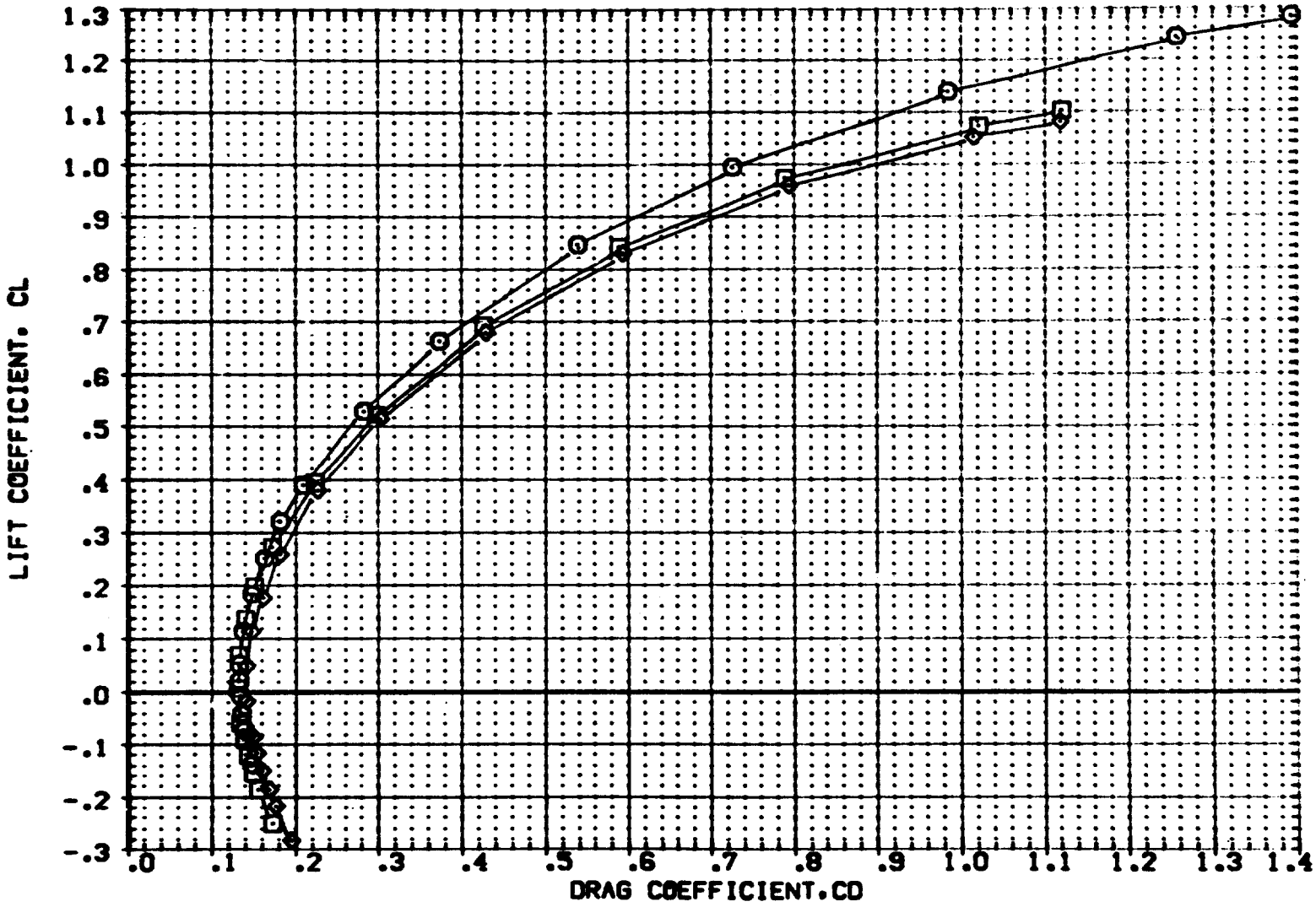


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE27]	□	0A44 UPVT 1005 CONF4 B21C7E23F3HA5V7V107X16	11.000	13.730	54.920	.000
[RPNE28]	◇	0A44 UPVT 1005 CONF4 B21C7E23F3HA5V7V107X16	-24.000	-14.250	54.920	.000
[RPNE26]	○	0A44 UPVT 1005 CONF4 B21C7E23F3HA5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	8.0000	INCHES
SCALE	.0150	SCALE

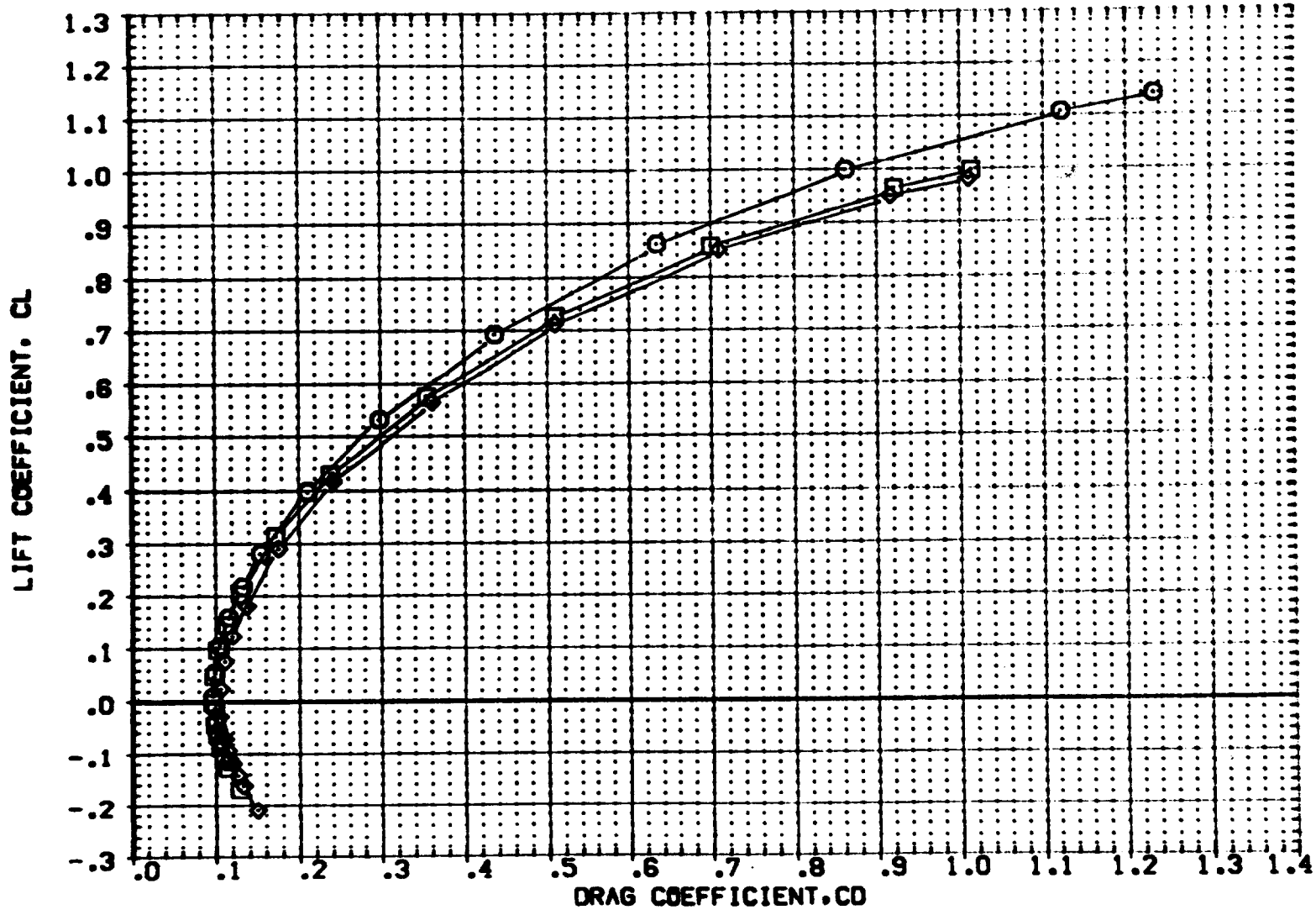


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE27)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNE28)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNE26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

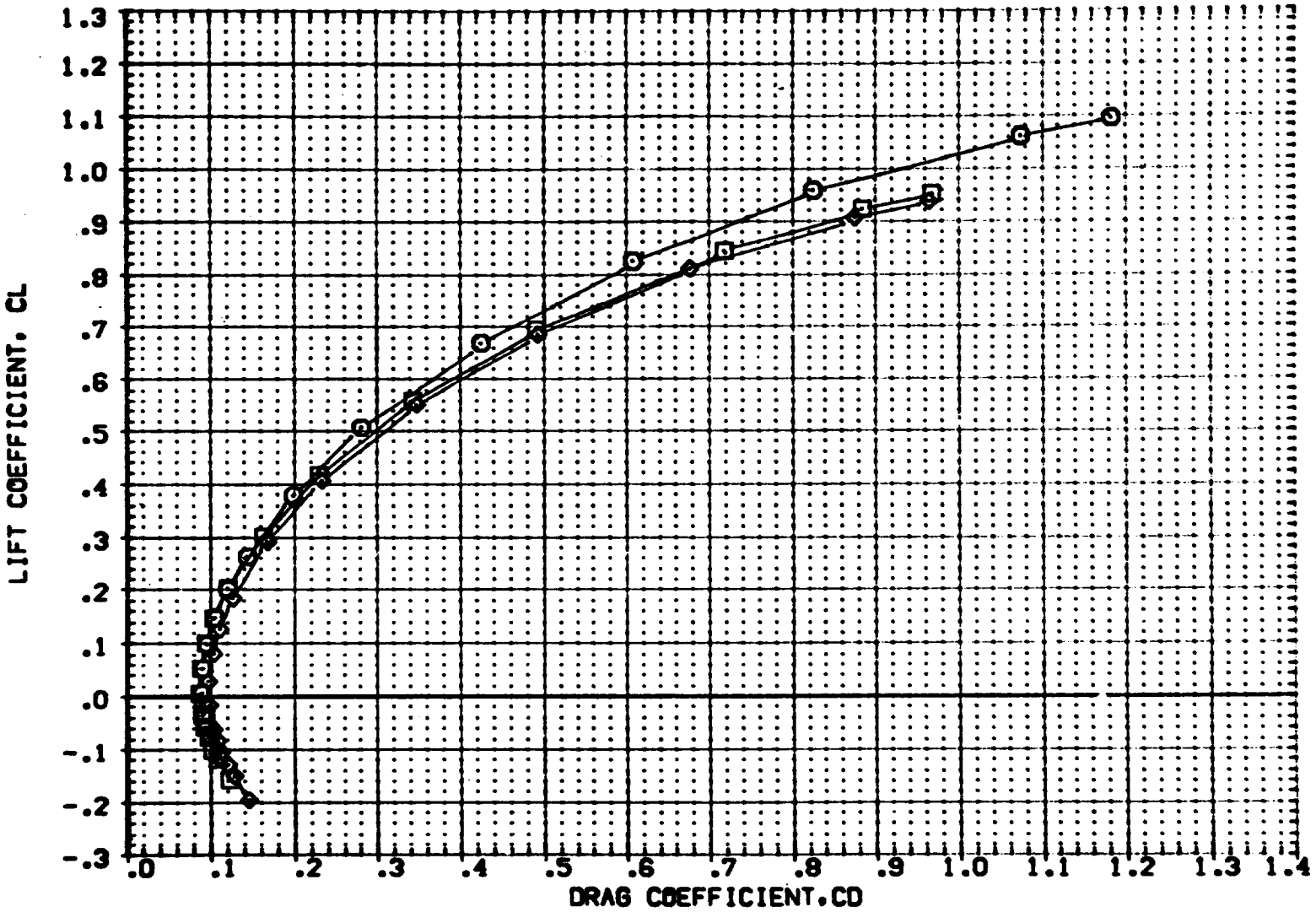


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE27]	○	8A44 UPVT 1035 CONF4 821C7E23F3HHR5V7V107X18	11.000	13.730	54.920	.000
[RPNE28]	□	8A44 UPVT 1035 CONF4 821C7E23F3HHR5V7V107X18	-24.000	-14.250	54.920	.000
[RPNE26]	◇	8A44 UPVT 1035 CONF4 821C7E23F3HHR5V7V107X18	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

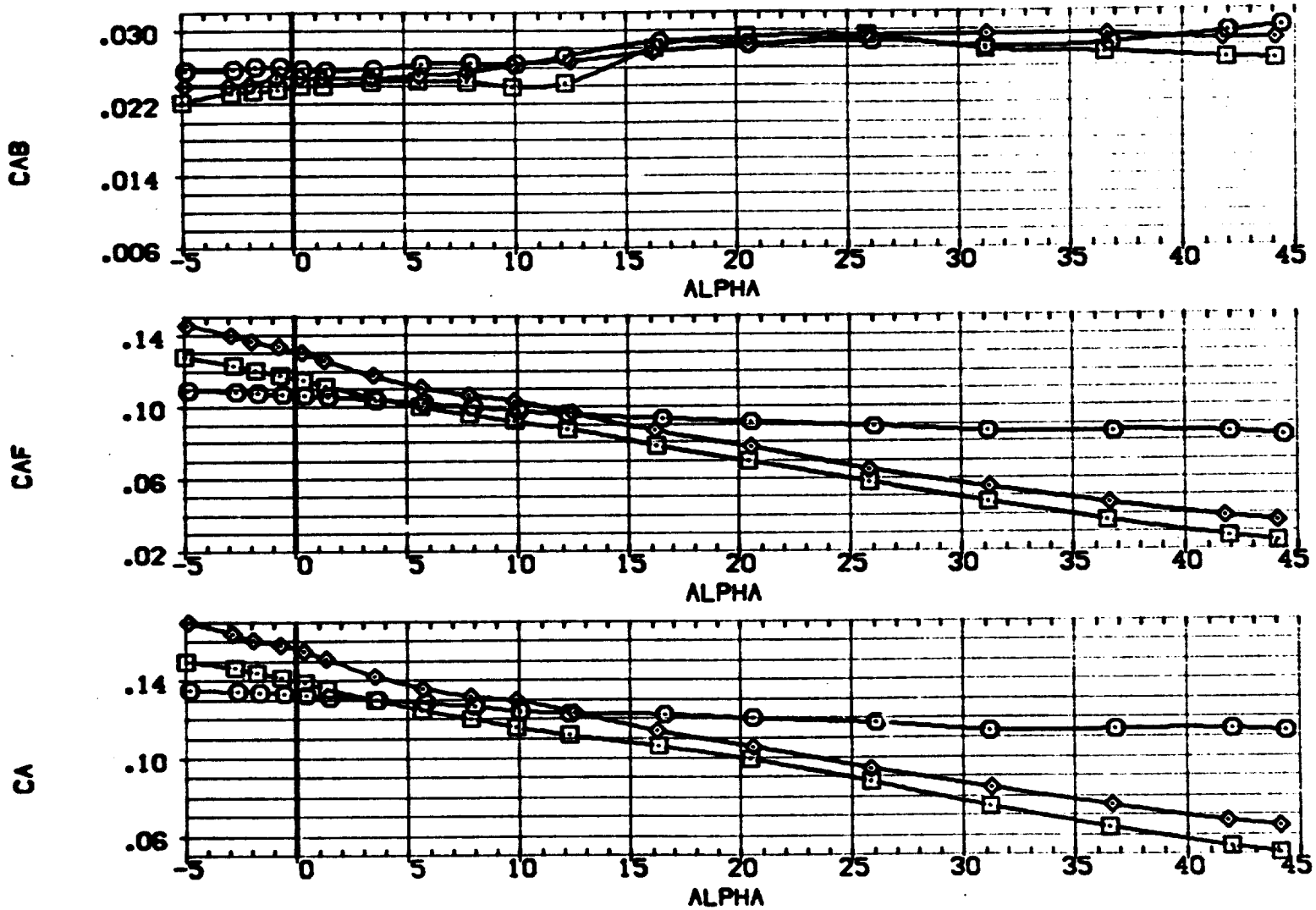


ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP27)	○	0A44 UPVT 1035 CONF4	B21C7E27F3H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNP28)	□	0A44 UPVT 1035 CONF4	B21C7[illegible]3F3H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNP26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

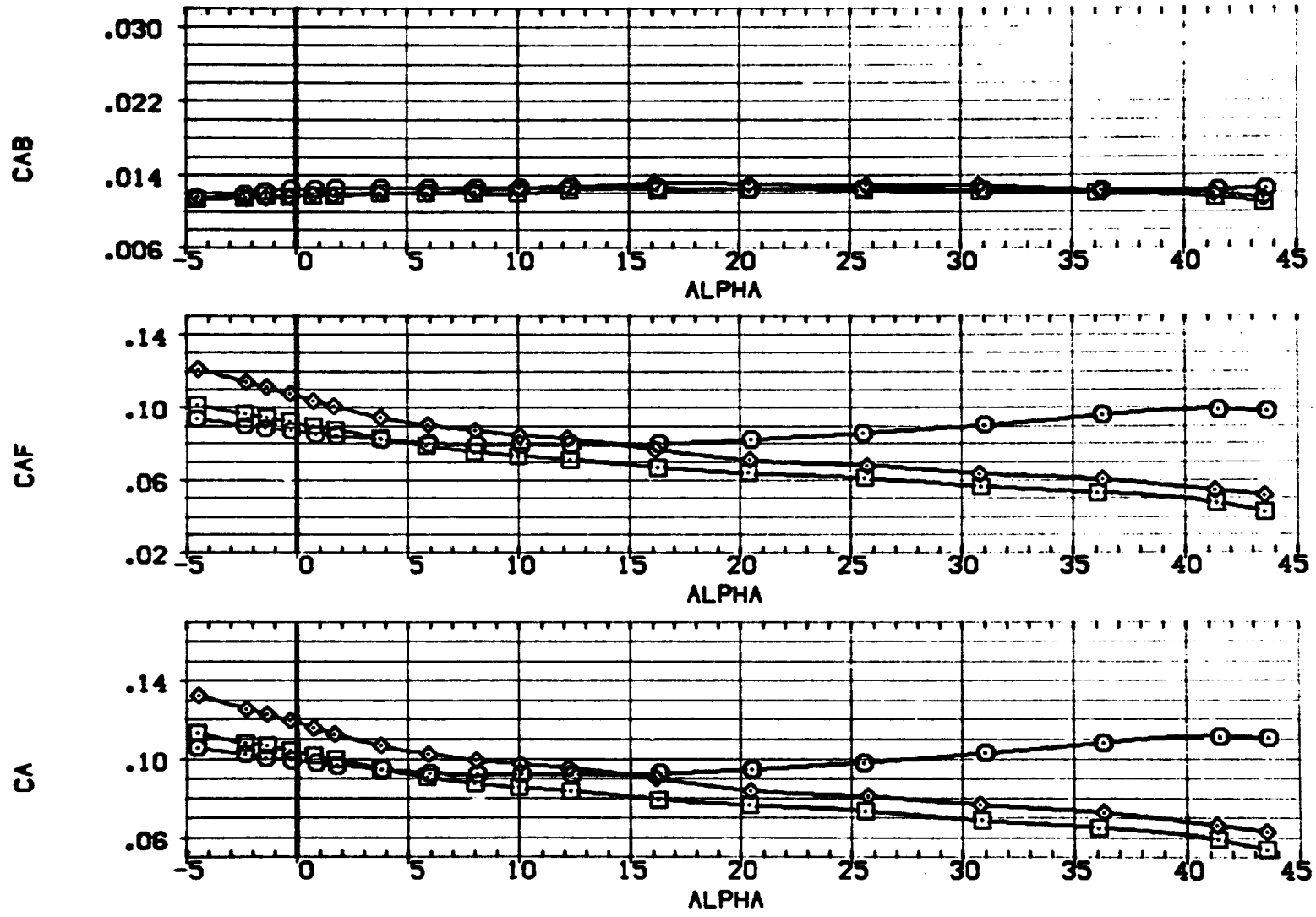


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNP27)	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X18	11.000	13.750	54.920	.000
(RPNP28)	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X18	-24.000	-14.250	54.920	.000
(RPNP26)	0A44 UPVT 1035 CONF4 B21C7E23F5M4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

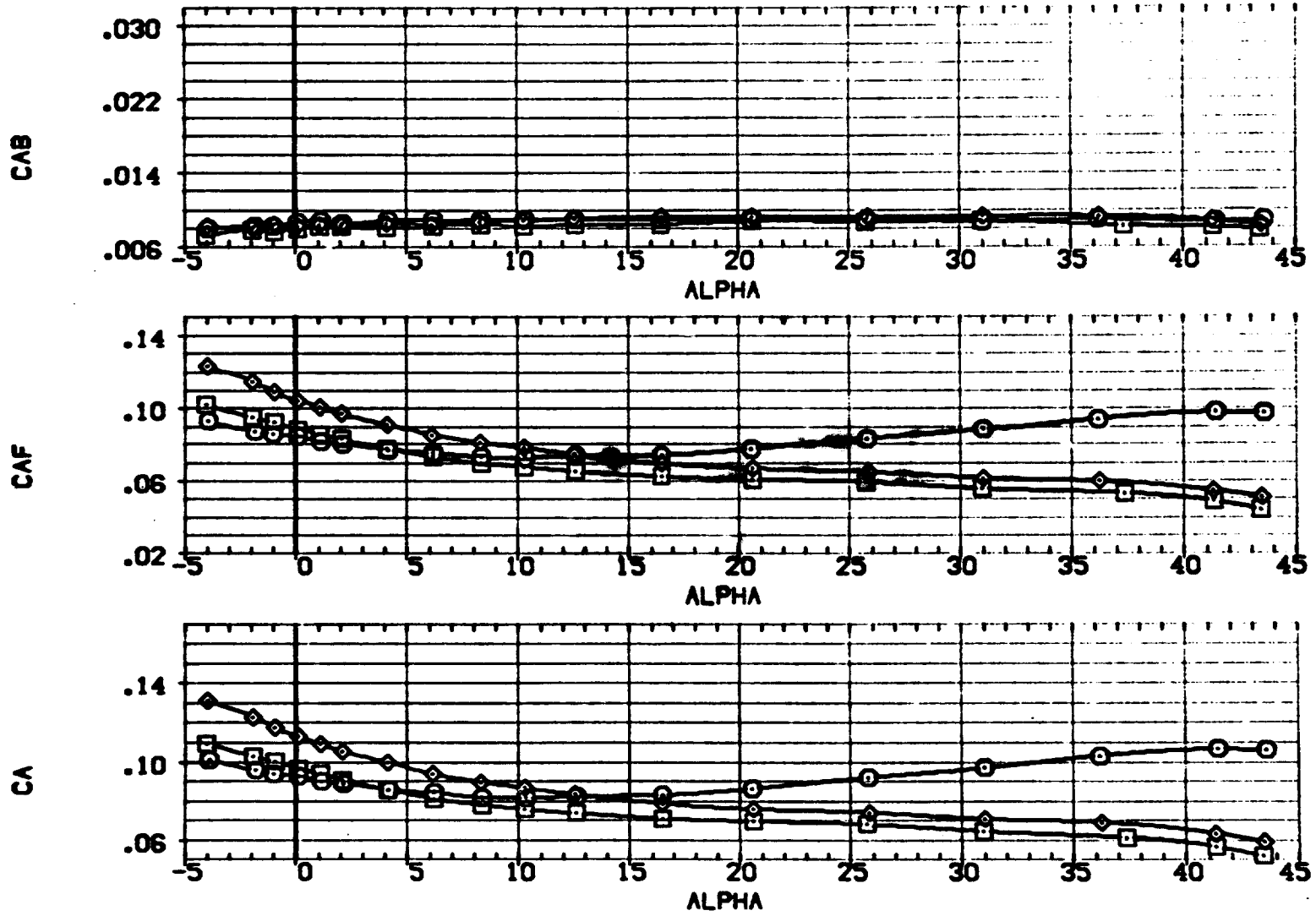


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP27)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNP28)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNP26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

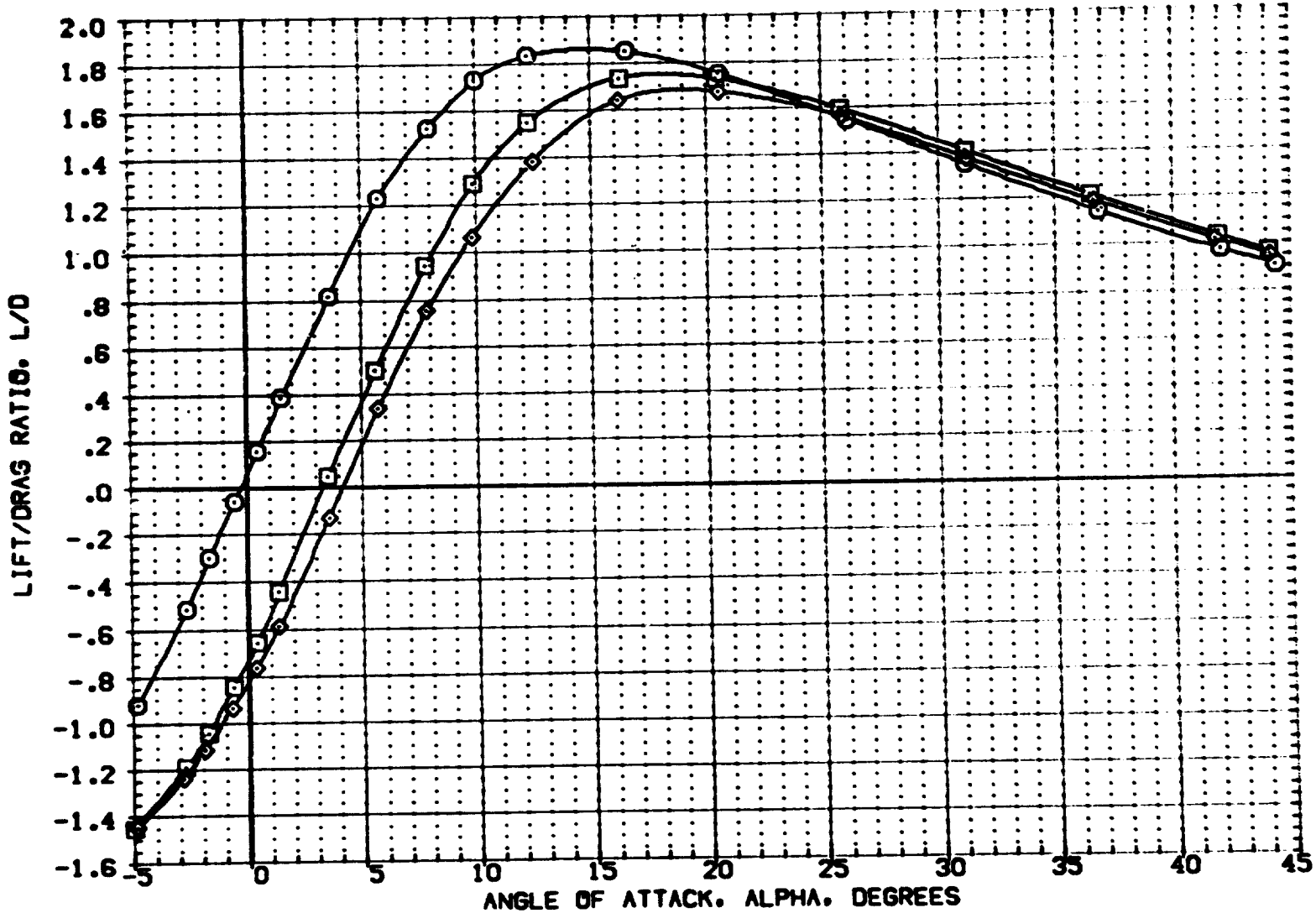


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	WDFLAP	SPOBRK	RUDDER
(RPNP27)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4RBV7V107X16	11.000	13.750	54.920	.000
(RPNP28)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4RBV7V107X16	-24.000	-14.250	54.920	.000
(RPNP26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4RBV7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

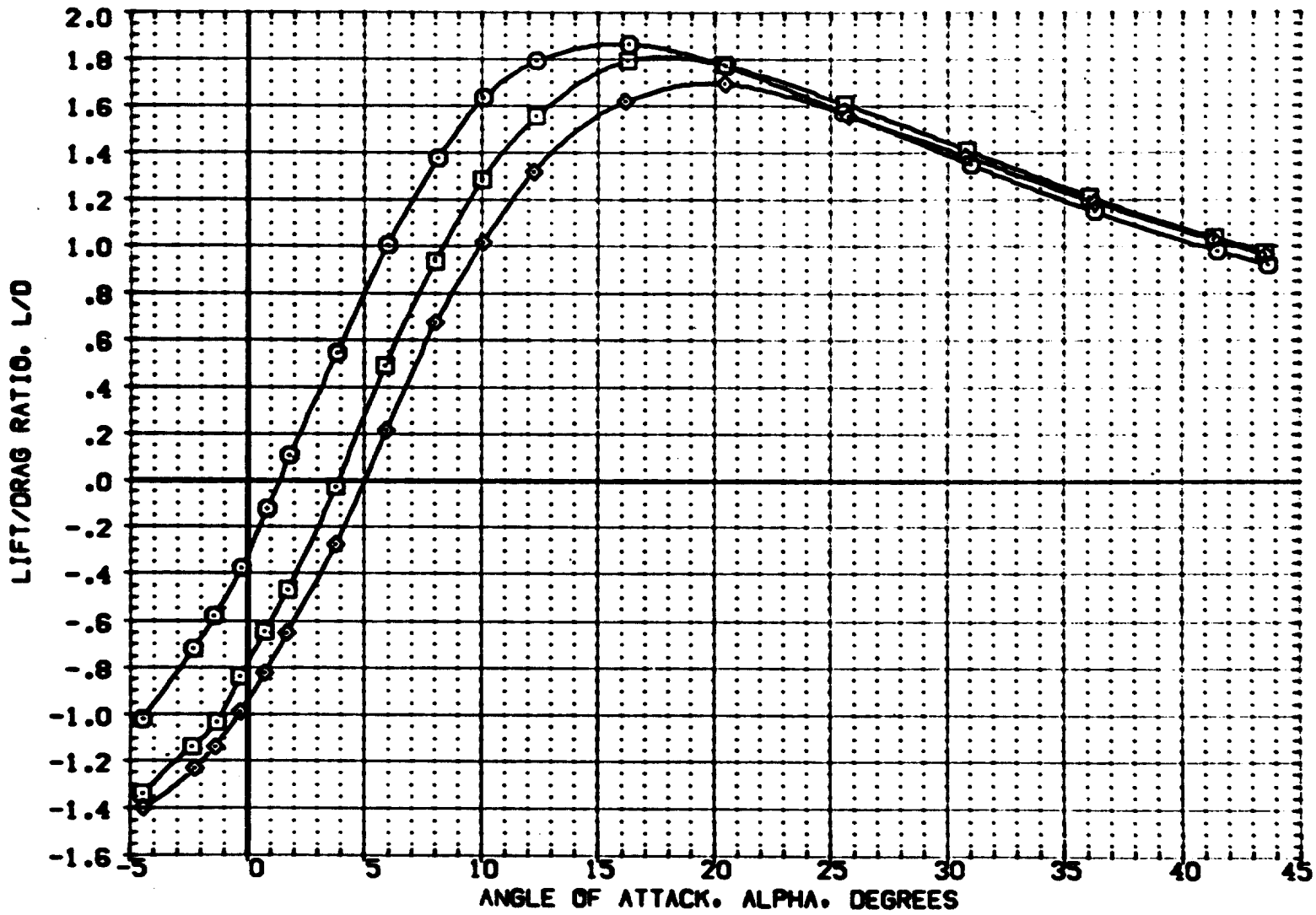


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP27)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	11.000	13.750	54.920	.000
(RPNP28)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNP26)	◇	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

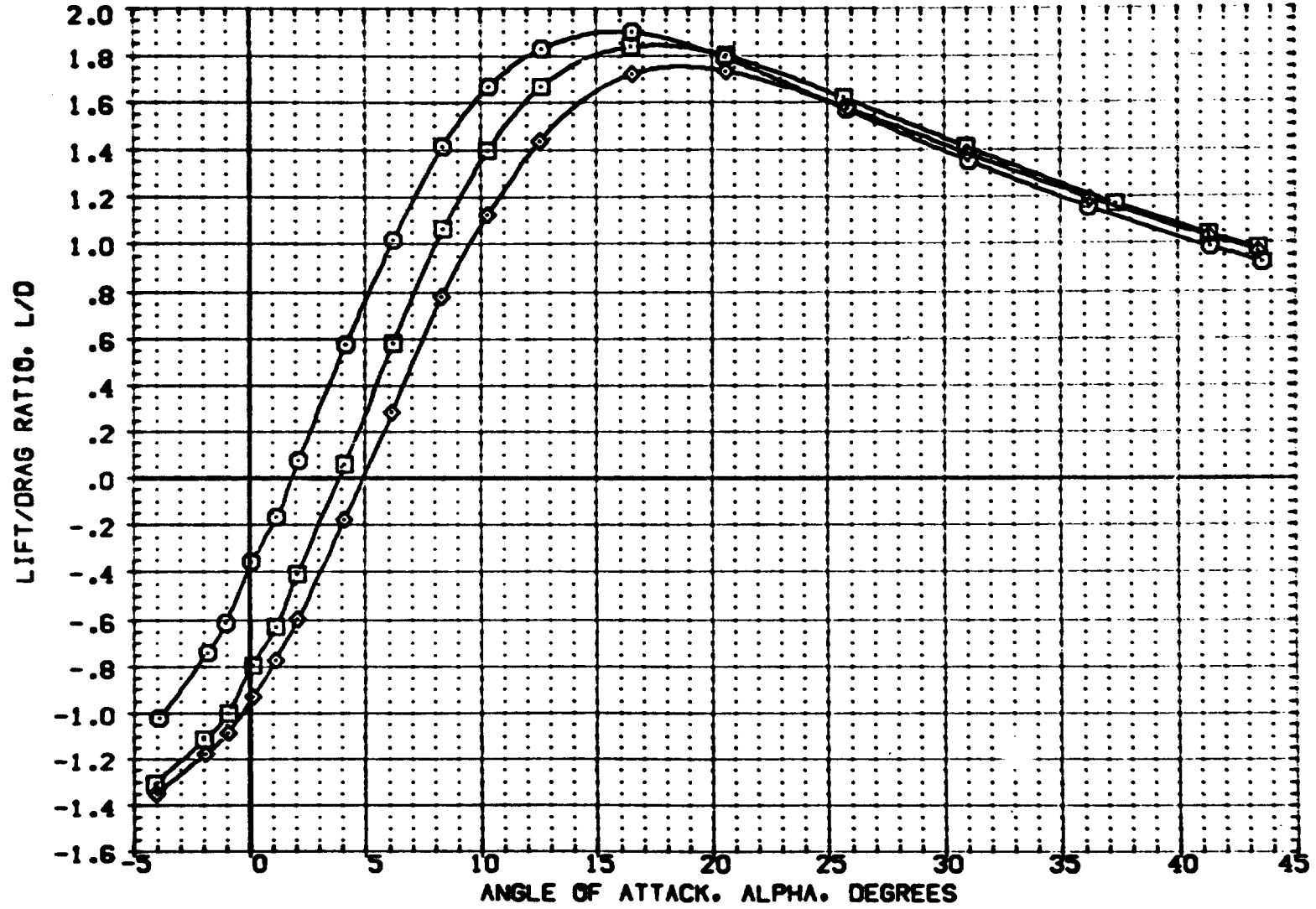


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

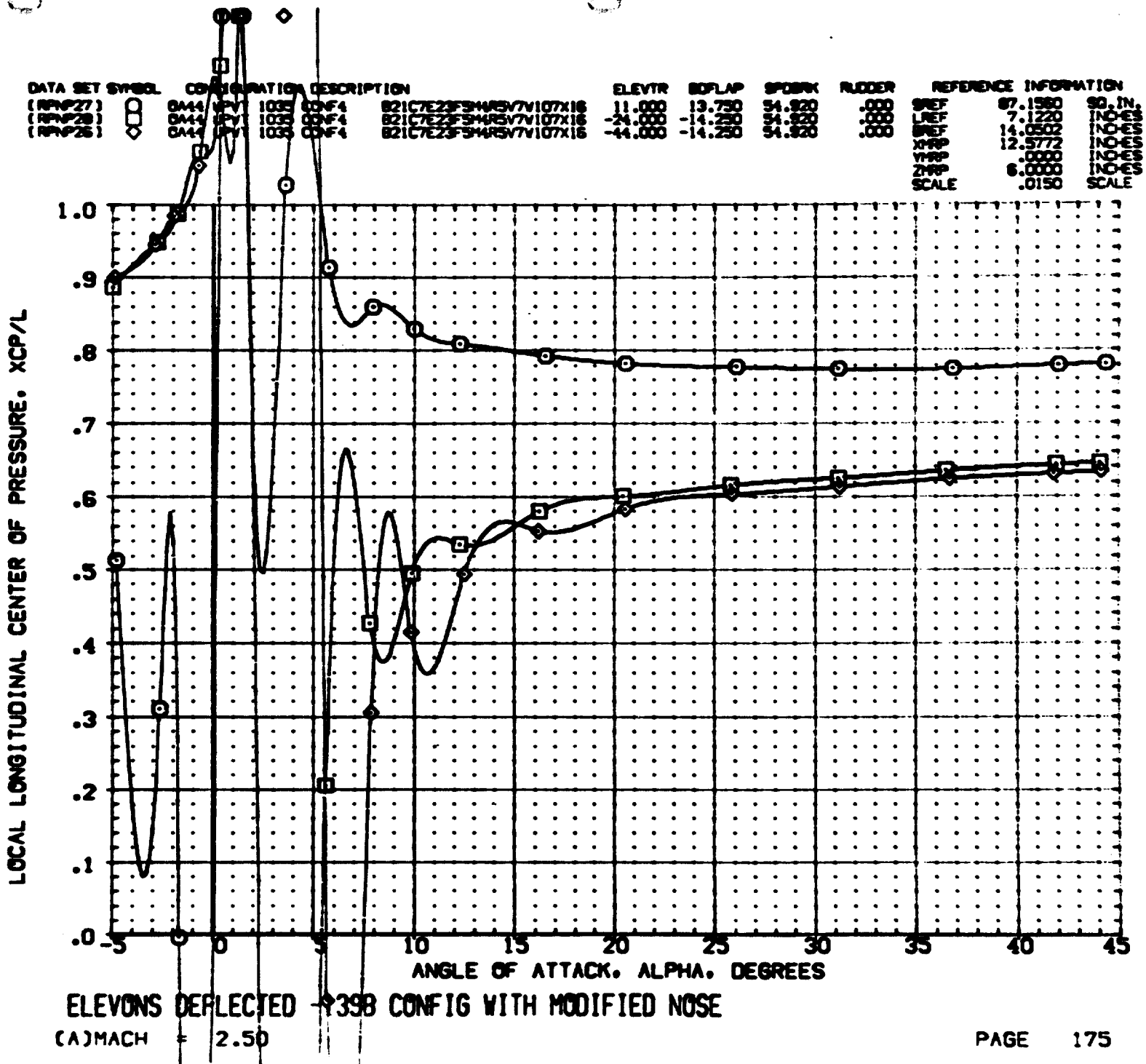
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNP27)		0A44 UPVT 1035 CONF4	B21C7E23F3H1R5V7V107X16	11.000	13.750	54.920	.000
(RPNP28)		0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	-24.000	-14.250	54.920	.000
(RPNP26)		0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



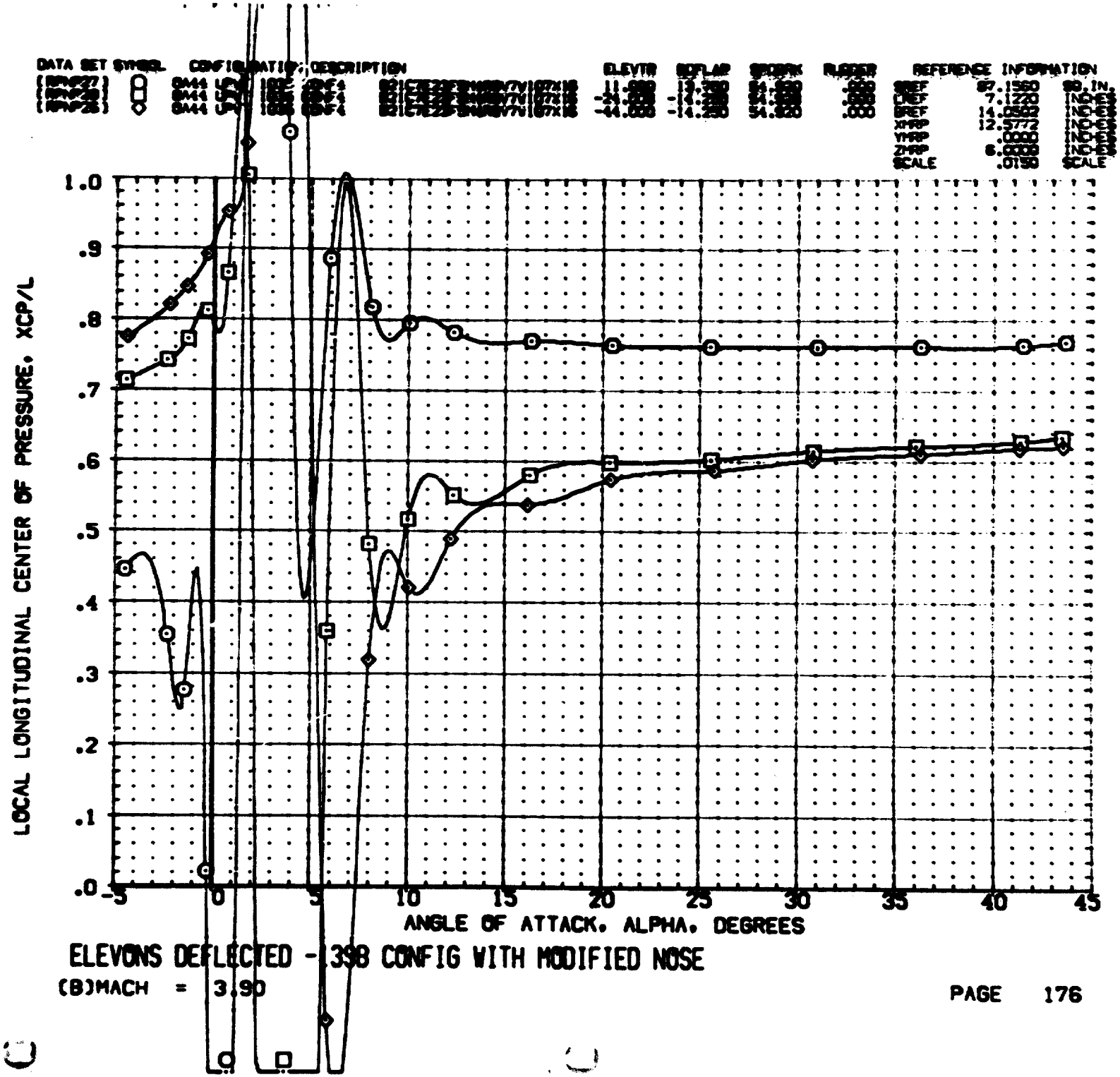
ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60



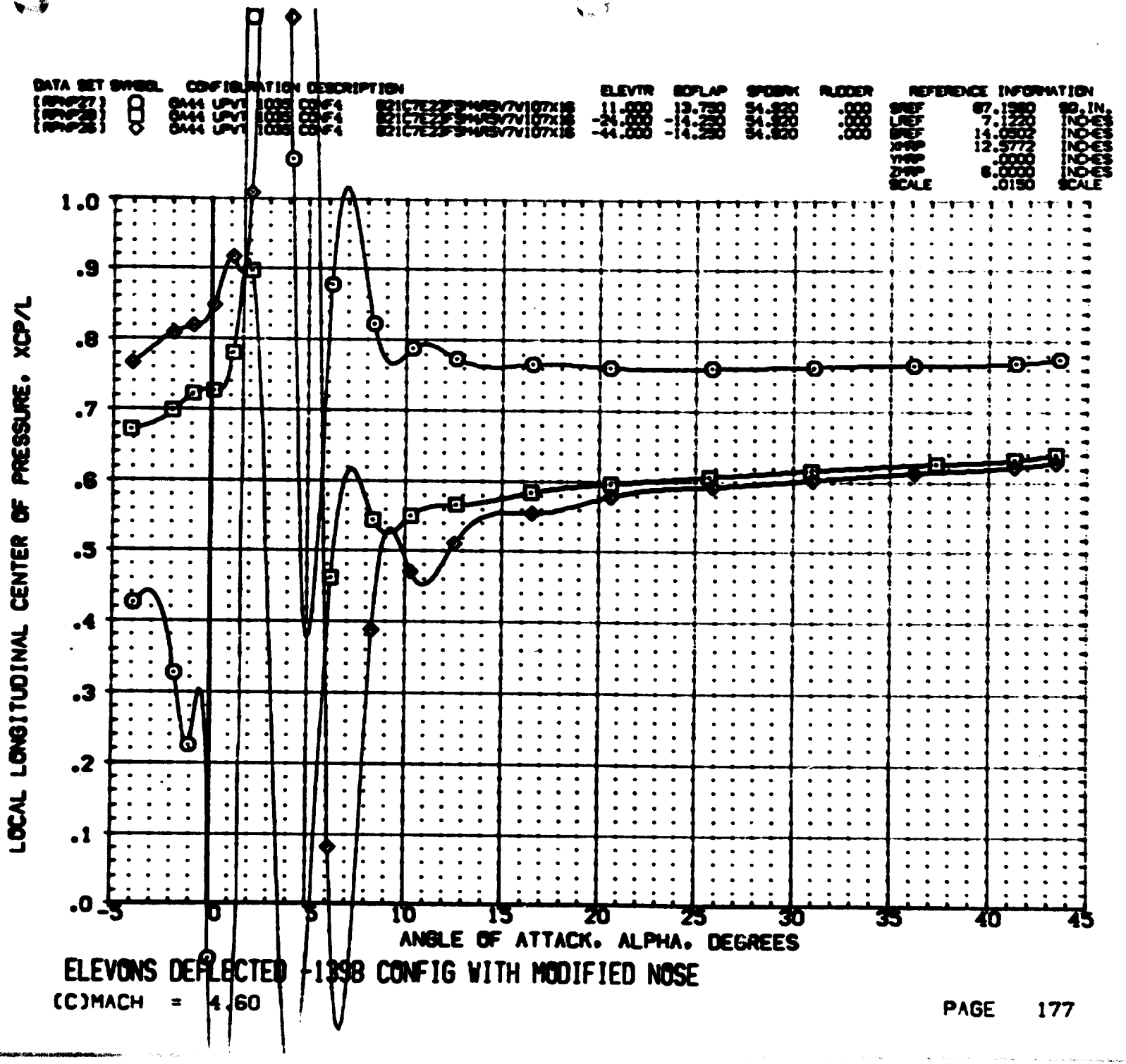
ELEVONS DEFLECTED -39B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50



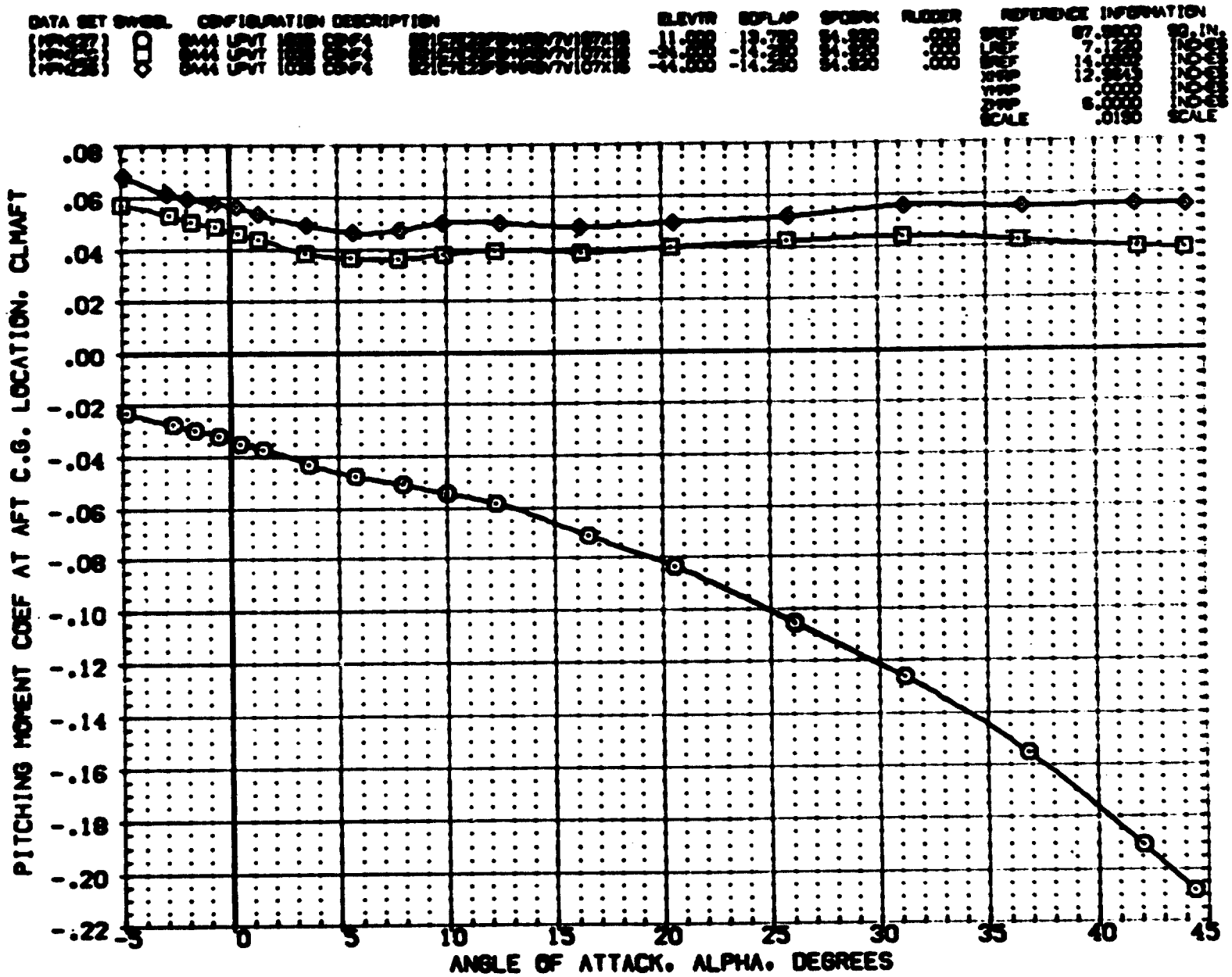
ELEVONS DEFLECTED - 39B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90



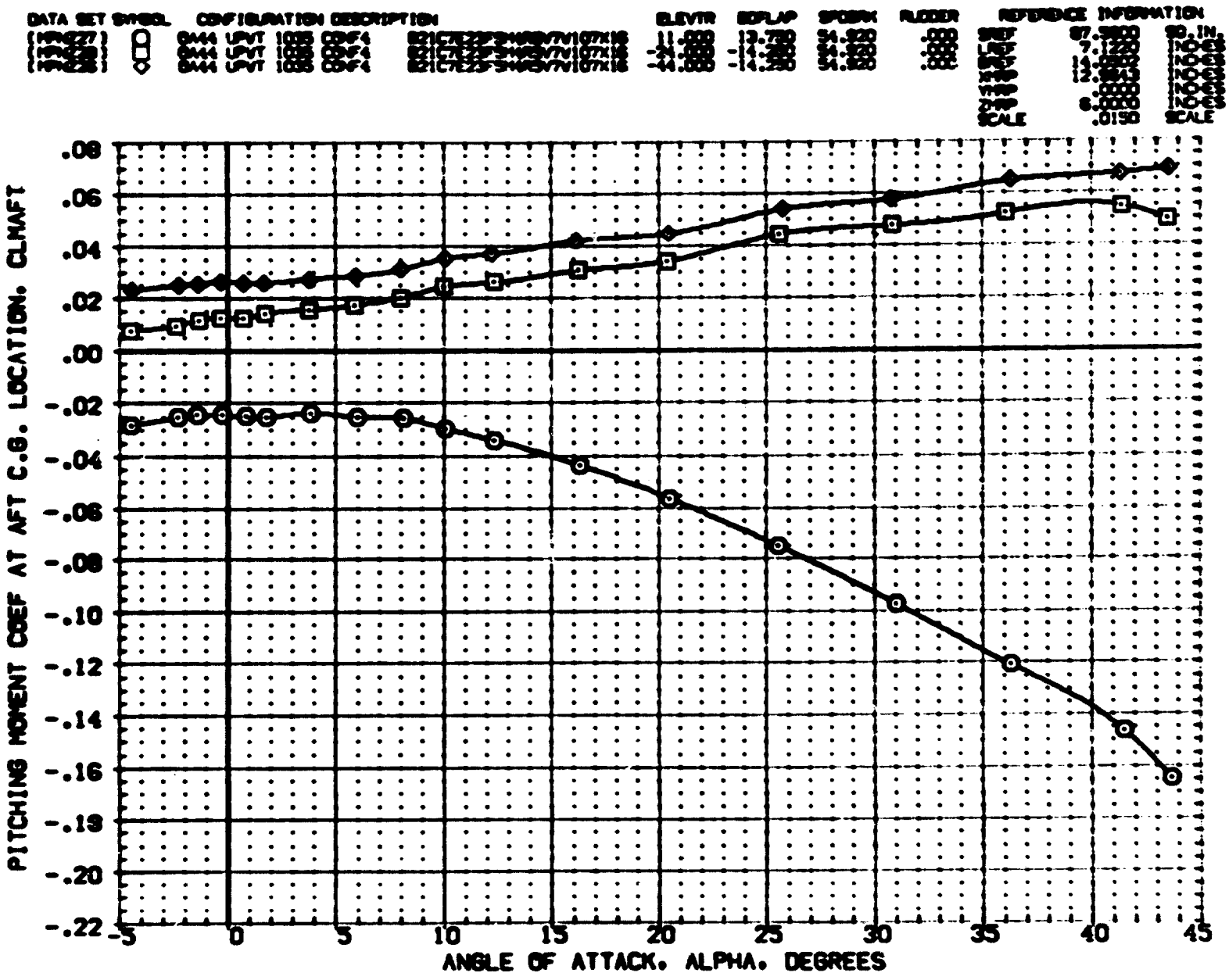
ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60



ELEVONS DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

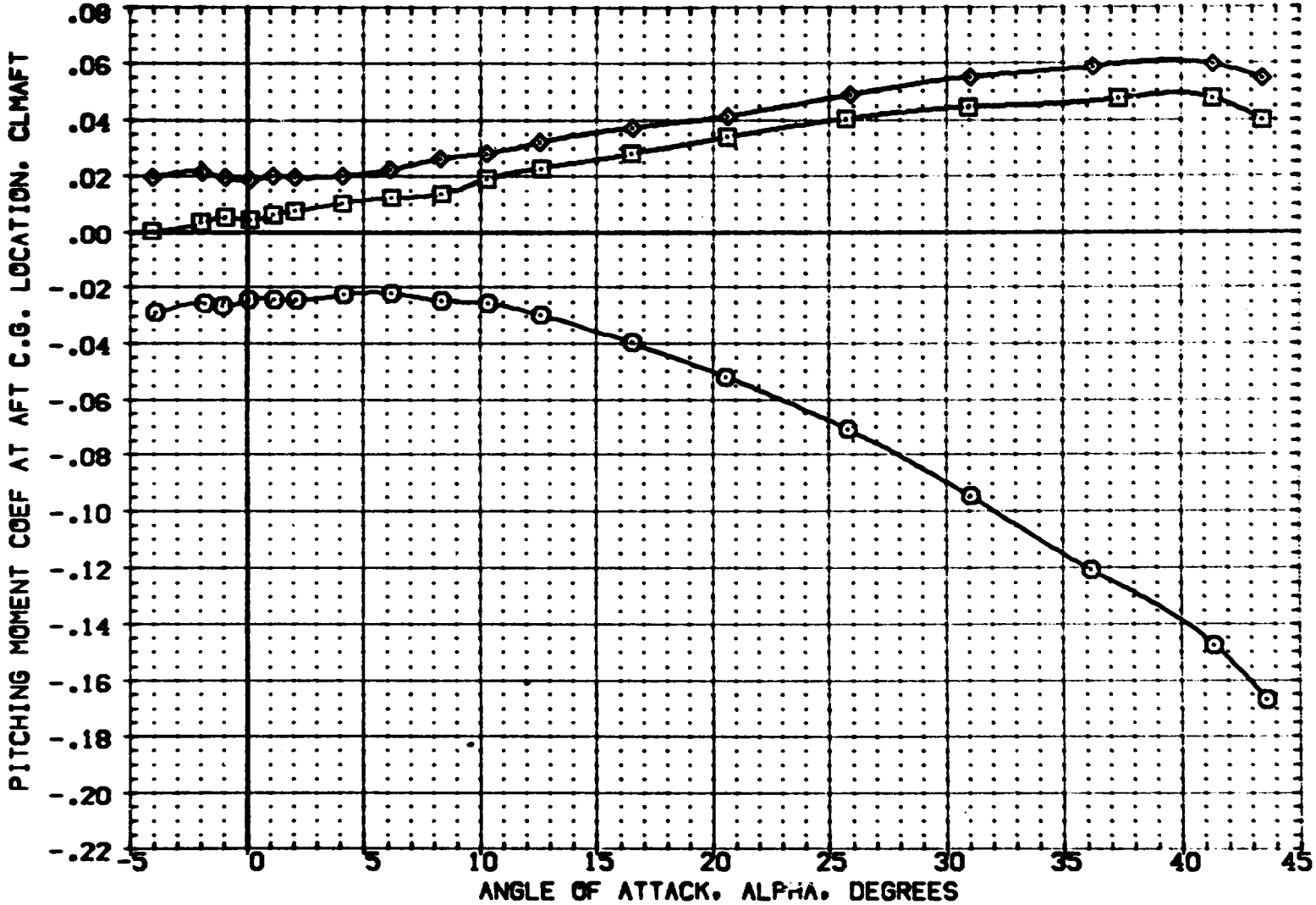


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(HPNC27)	○	0A44 UPVT 1035 CONF4 B21C7E27F5H6R5V7V107X16	11.000	13.750	54.920	.000
(HPNC28)	□	0A44 UPVT 1035 CONF2 B21C7E28F5H6R5V7V107X16	-24.000	-14.250	54.920	.000
(HPNC26)	◇	0A44 UPVT 1035 CONF4 B21C7E27F5H6R5V7V107X16	-44.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0602	INCHES
XMRP	12.9643	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

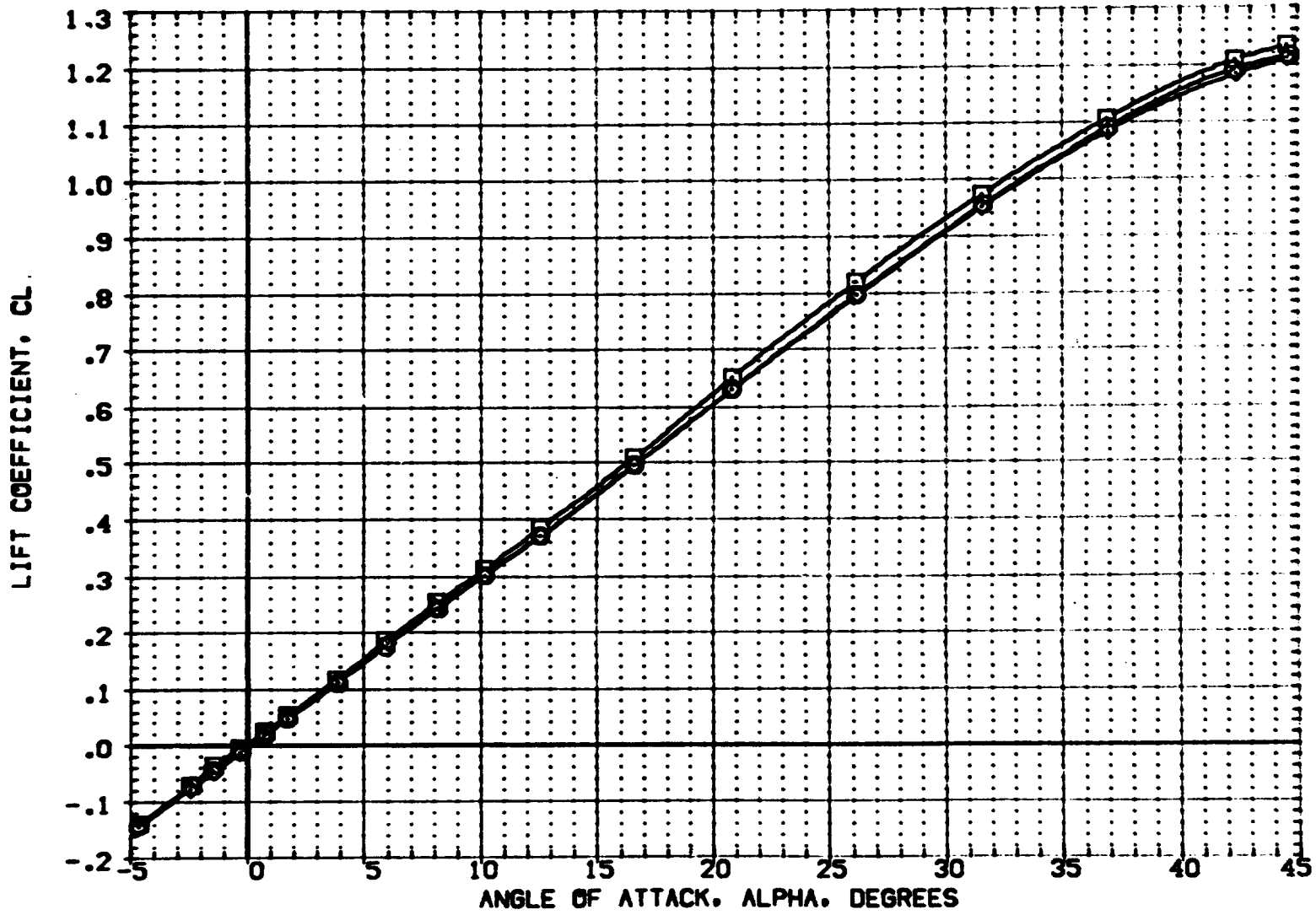


ELEVONS DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



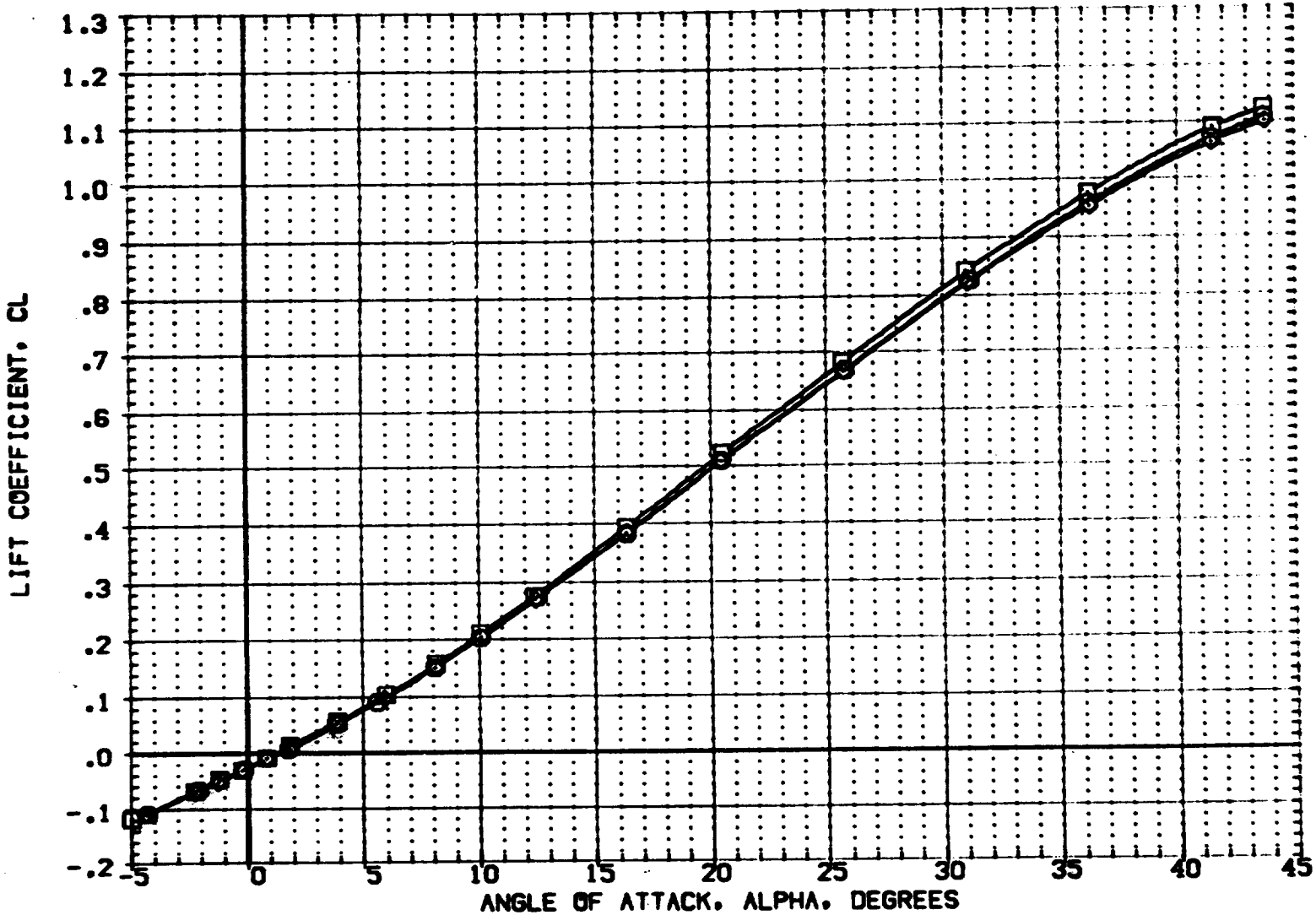
BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(BPNE02)	0A44 UPVT 1035 CONF-2A	.000	.000	54.920	.000
(BPNE02)	0A44 UPVT 1035 CONF-2A	.000	19.750	54.920	.000
(BPNE02)	0A44 UPVT 1035 CONF-2A	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1280	INCHES
BREF	14.0502	INCHES
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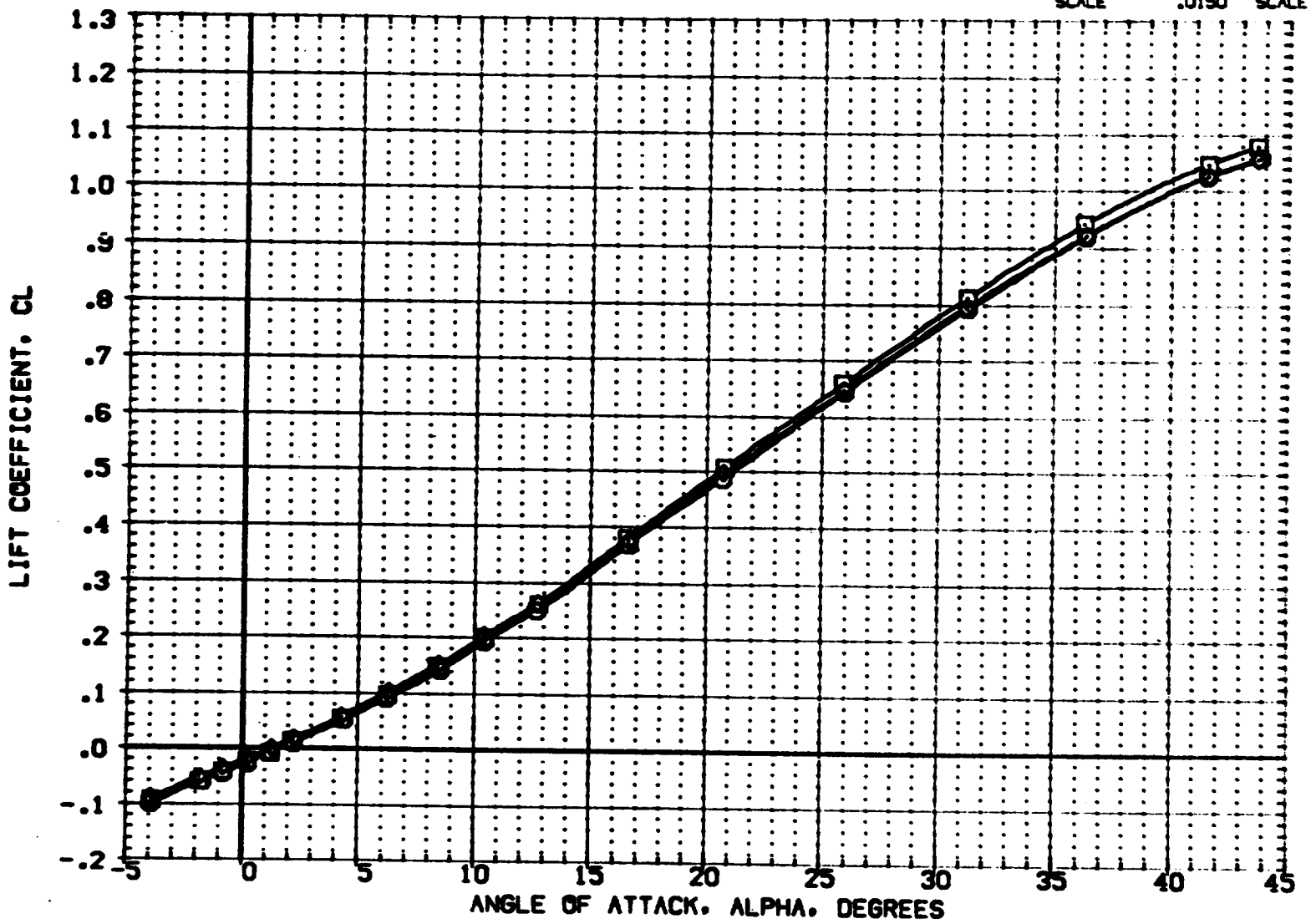


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	○	0A44 UPVT 1085 CONF-2A B10CS07MOF4V87E1BRSV5X16	.000	.000	54.820	.000
[illegible]	□	0A44 UPVT 1085 CONF-2A B10CS07MOF4V87E1BRSV5X16	.000	19.750	54.820	.000
[illegible]	◇	0A44 UPVT 1085 CONF-2A B10CS07MOF4V87E1BRSV5X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
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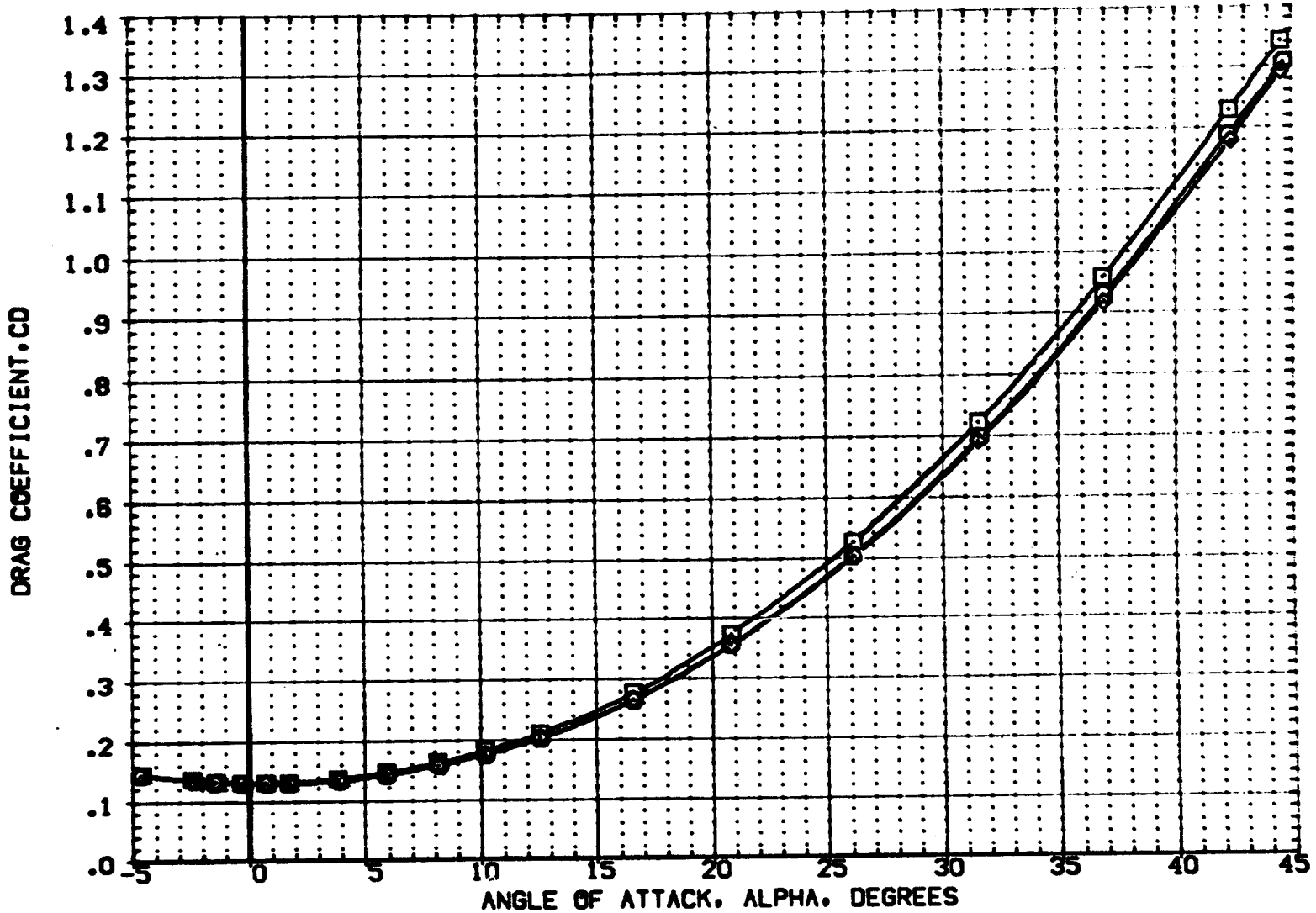


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOERK	RUDDER
(RPNE07)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	.000	.000	54.920	.000
(RPNE08)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	67.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

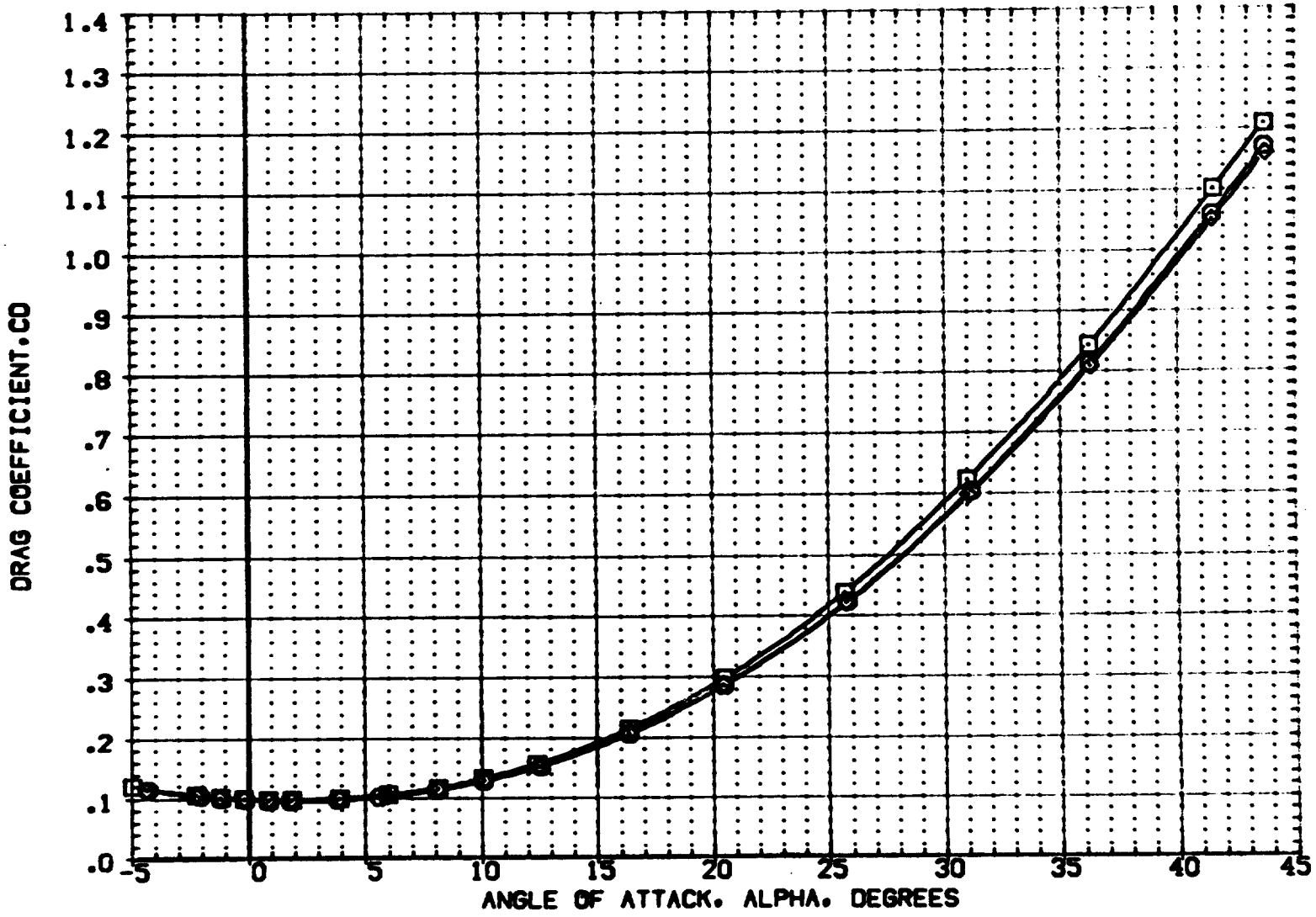


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	□	DA44 UPVT 1035 CONF-2A B10C5D7MGF4V87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	⊡	DA44 UPVT 1035 CONF-2A B10C5D7MGF4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	DA44 UPVT 1035 CONF-2A B10C5D7MGF4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
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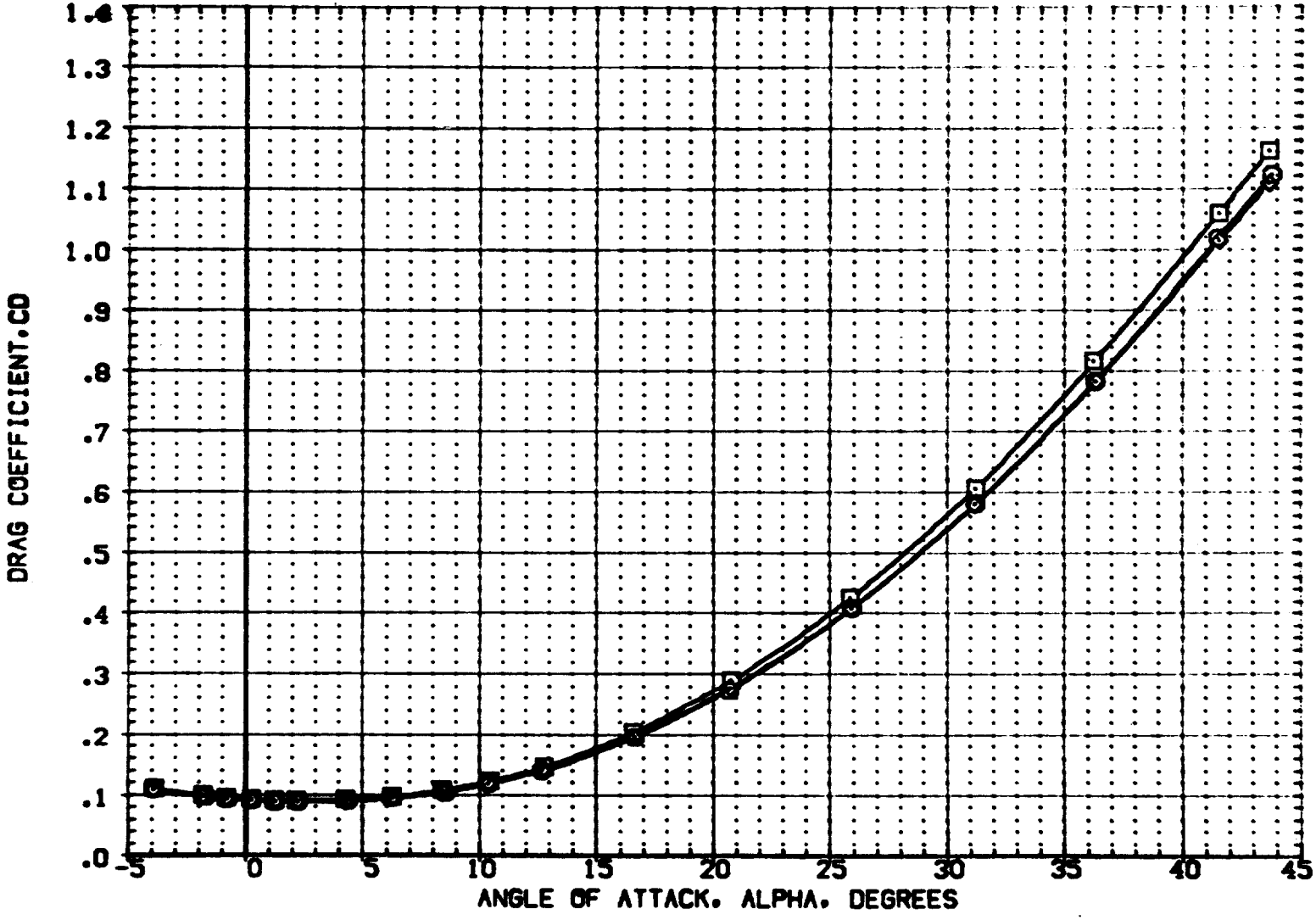


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE07]	○	0A44 UPVT 1008 CONF-2A B10C307HGF4V87E1GRBVSX16	.000	.000	54.920	.000
[RPNE06]	□	0A44 UPVT 1008 CONF-2A B10C307HGF4V87E1GRBVSX16	.000	13.750	54.920	.000
[RPNE02]	◇	0A44 UPVT 1008 CONF-2A B10C307HGF4V87E1GRBVSX16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
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YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

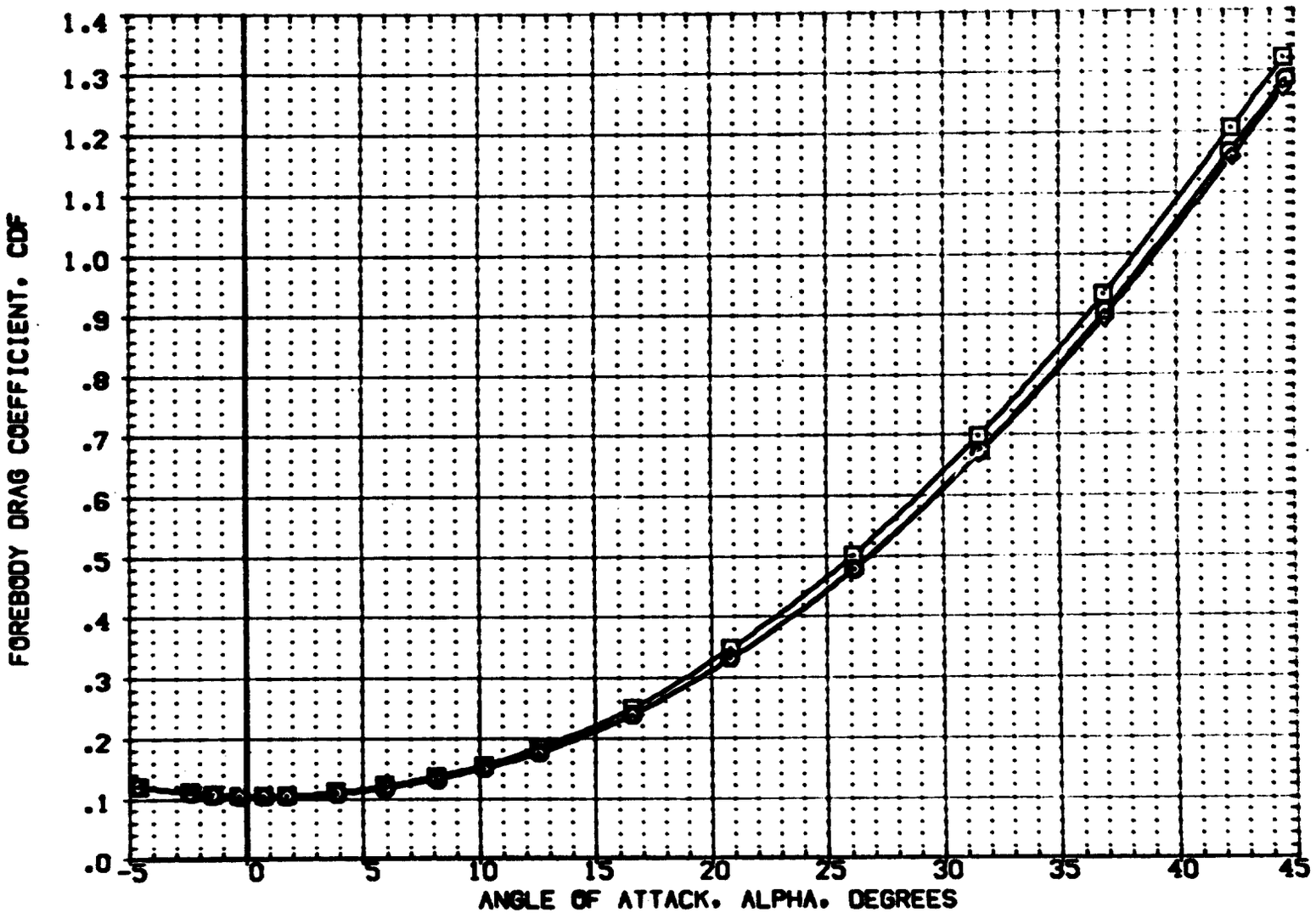


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE077)		0A44 UPVT 1035 CONF-2A B10C5D7HGF4W87E1BR5V5X16	.000	.000	54.820	.000
(RPNE078)		0A44 UPVT 1035 CONF-2A B10C5D7HGF4W87E1BR5V5X16	.000	13.750	54.820	.000
(RPNE072)		0A44 UPVT 1035 CONF-2A B10C5D7HGF4W87E1BR5V5X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	8.0000	INCHES
SCALE	.0150	SCALE

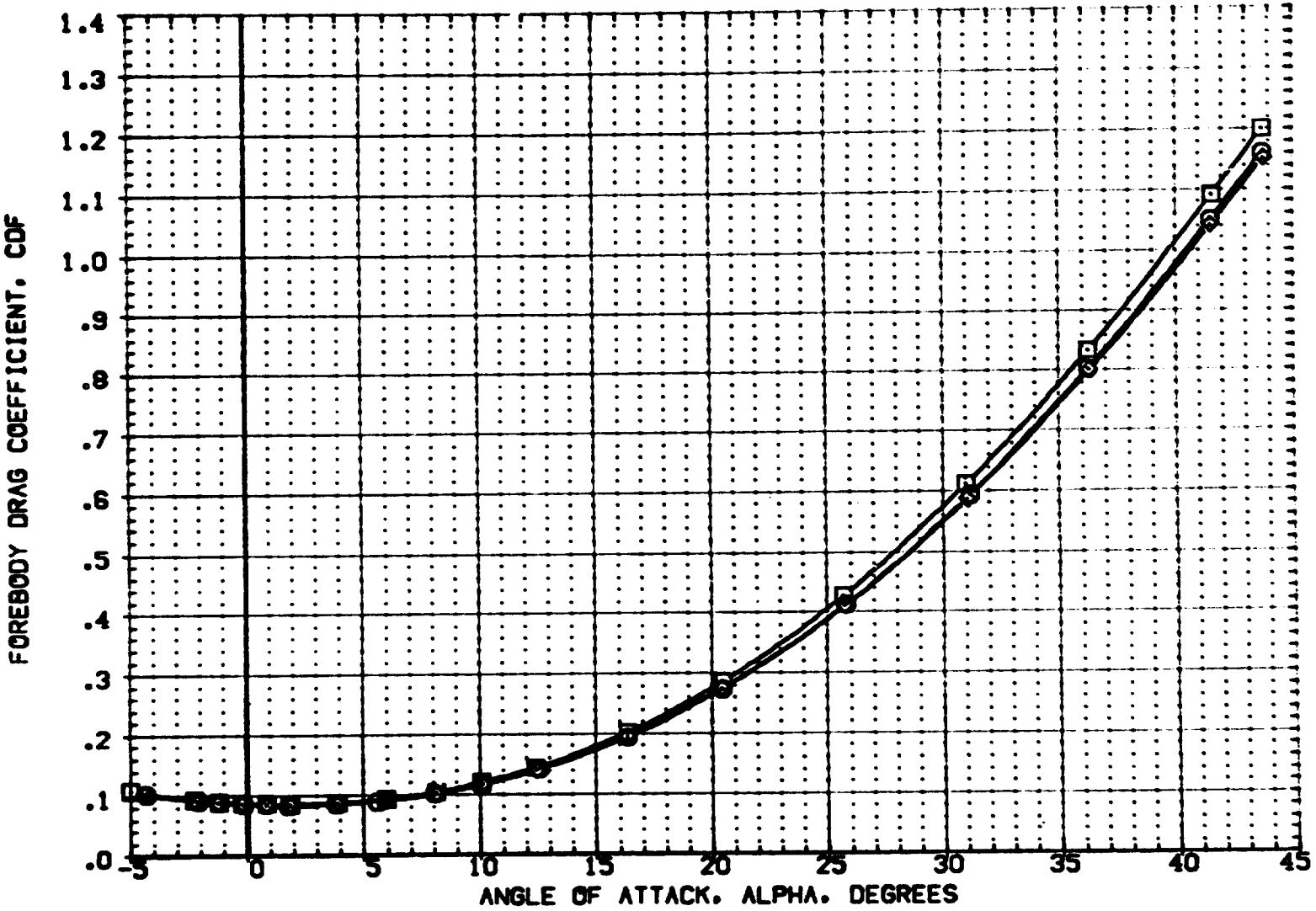


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RUN007]	□	0A44 UPVT 1085 CONF-2A B10CSD7HSF4W87E18R5V5X18	.000	.000	54.820	.000
[RUN008]	□	0A44 UPVT 1085 CONF-2A B10CSD7HSF4W87E18R5V5X18	.000	13.750	54.820	.000
[RUN002]	◇	0A44 UPVT 1085 CONF-2A B10CSD7HSF4W87E18R5V5X18	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

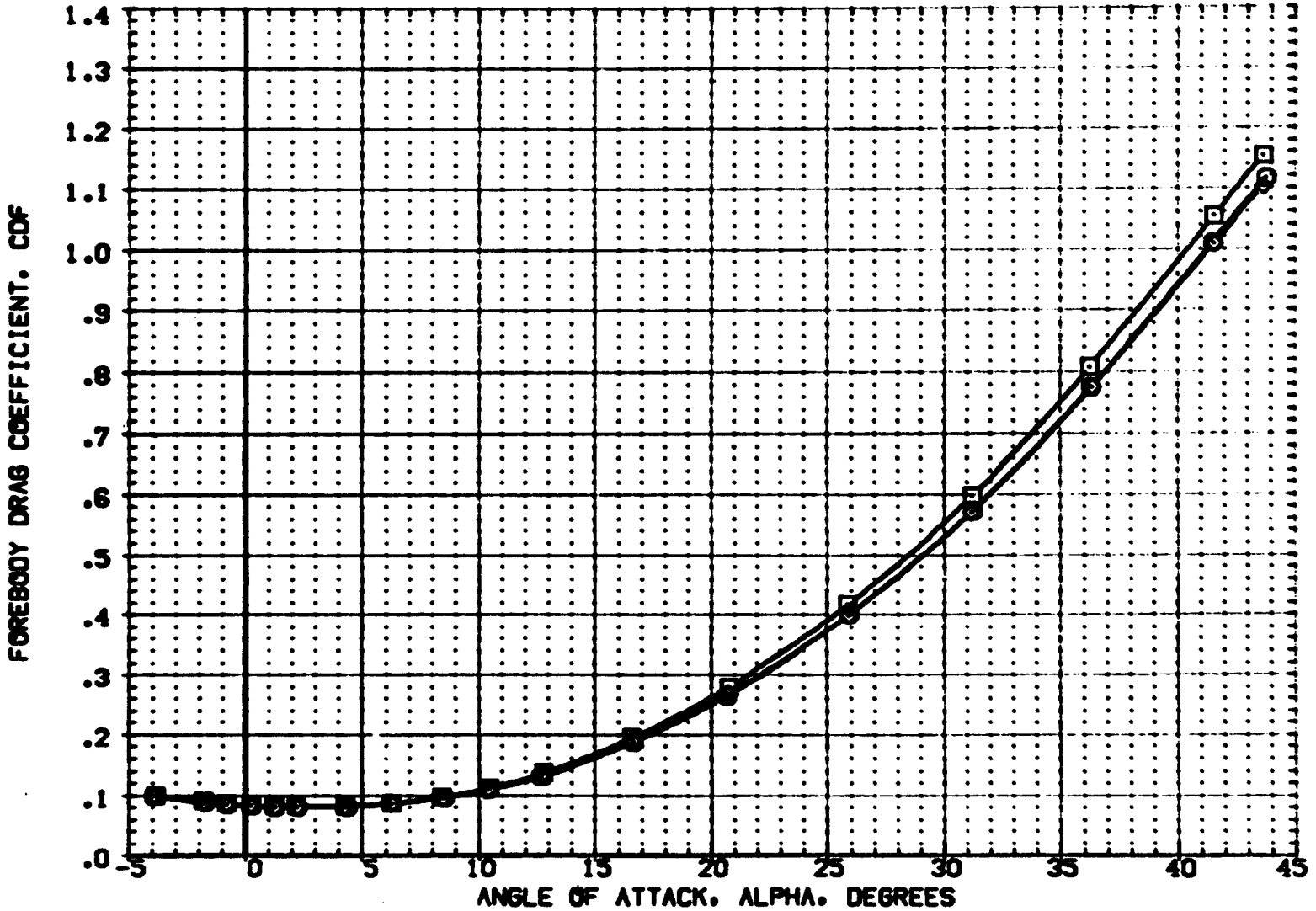


BODY FLAP DEFLECTED -898 CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	□	0A44 UPVT 1035 CONF-2A B10C307HGF4VB7E1BRSV5X16	.000	.000	54.920	.000
(RPNE06)	○	0A44 UPVT 1035 CONF-2A B10C307HGF4VB7E1BRSV5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C307HGF4VB7E1BRSV5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0802	INCHES
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YMRP	.0000	INCHES
ZMR	6.0000	INCHES
SCALE	.0150	SCALE



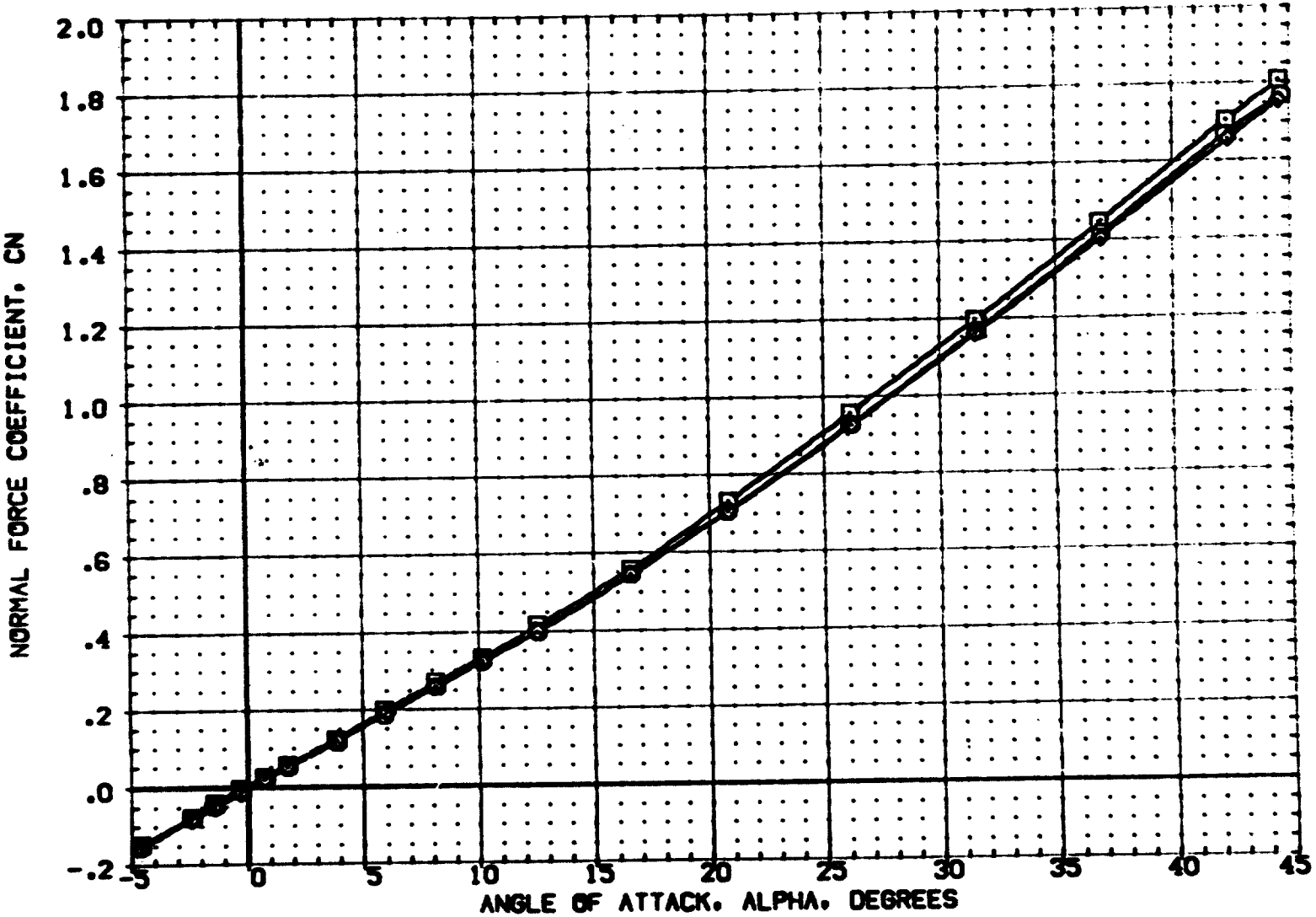
BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	0A44 UPVT 1035 CDNF-2A B10C30/H0F4W07E1B05V5X16	.0000	.000	54.820	.0000
[illegible]	0A44 UPVT 1035 CDNF-2A B10C30/H0F4W07E1B05V5X16	.000	-13.280	54.820	.0000
[illegible]	0A44 UPVT 1035 CDNF-2A B10C30/H0F4W07E1B05V5X16	.000	-14.280	54.820	.0000

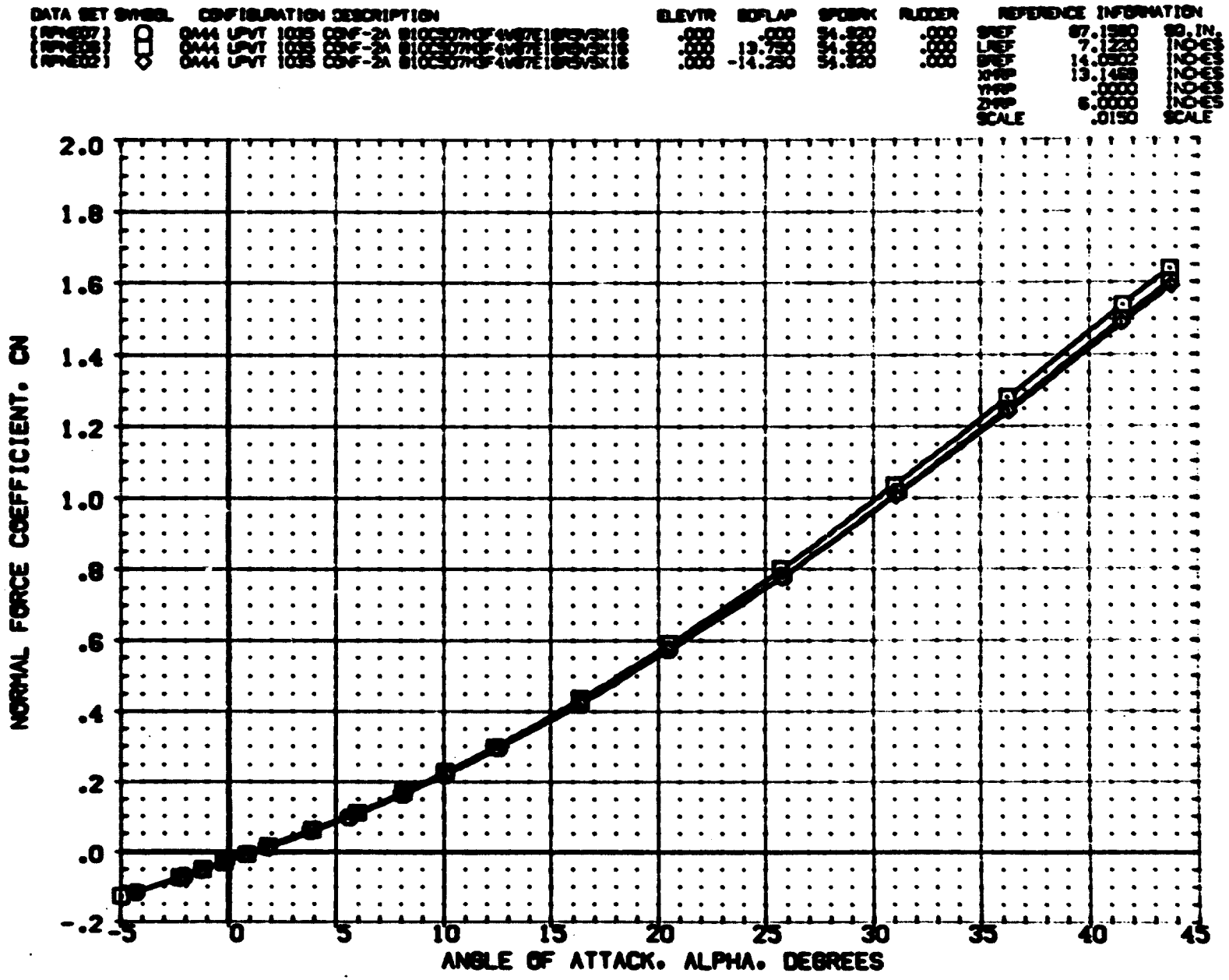
REFERENCE INFORMATION

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BREF	14.0602	INCHES
XMRP	13.1459	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -898 CONFIG

(A)MACH = 2.50

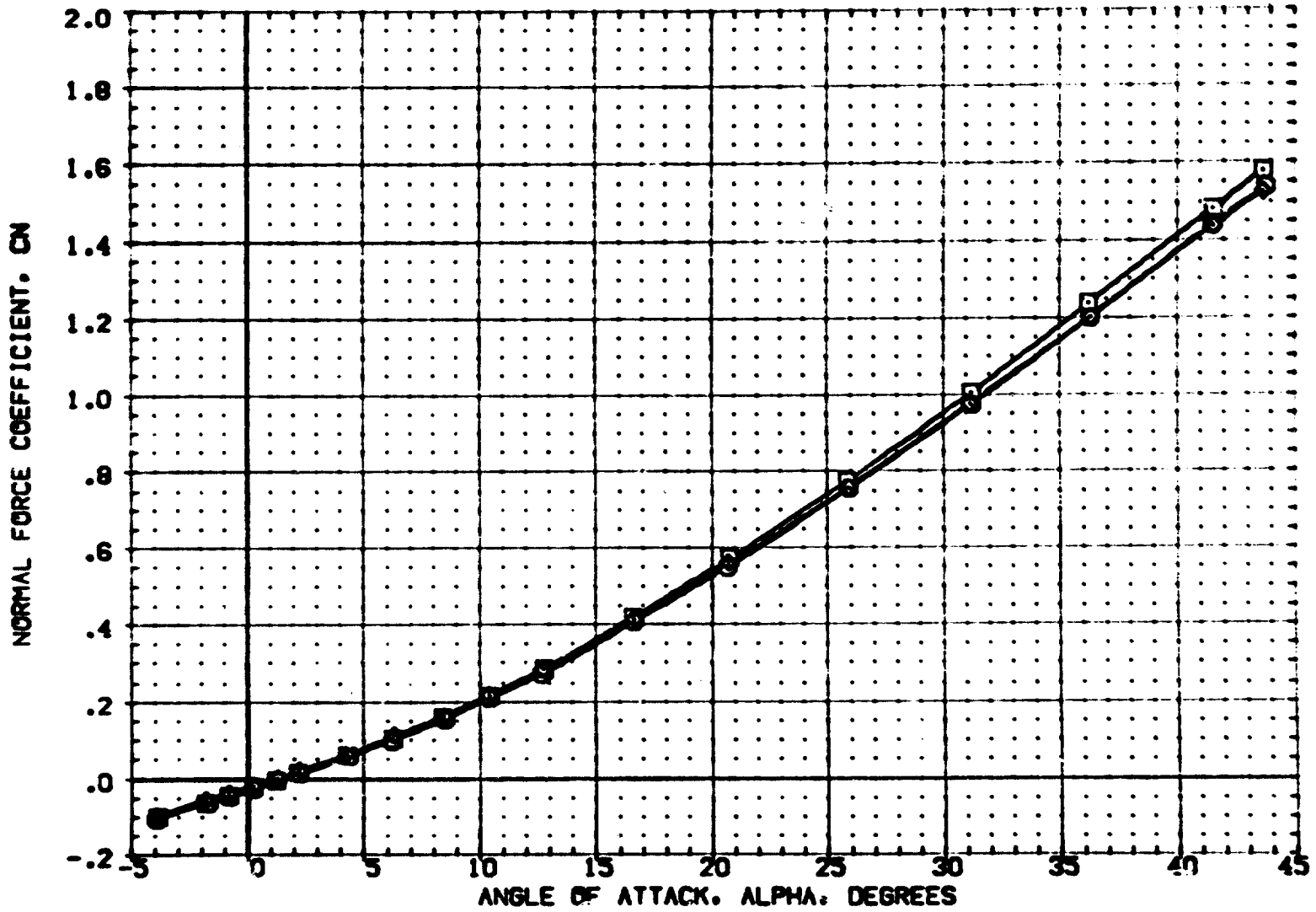


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

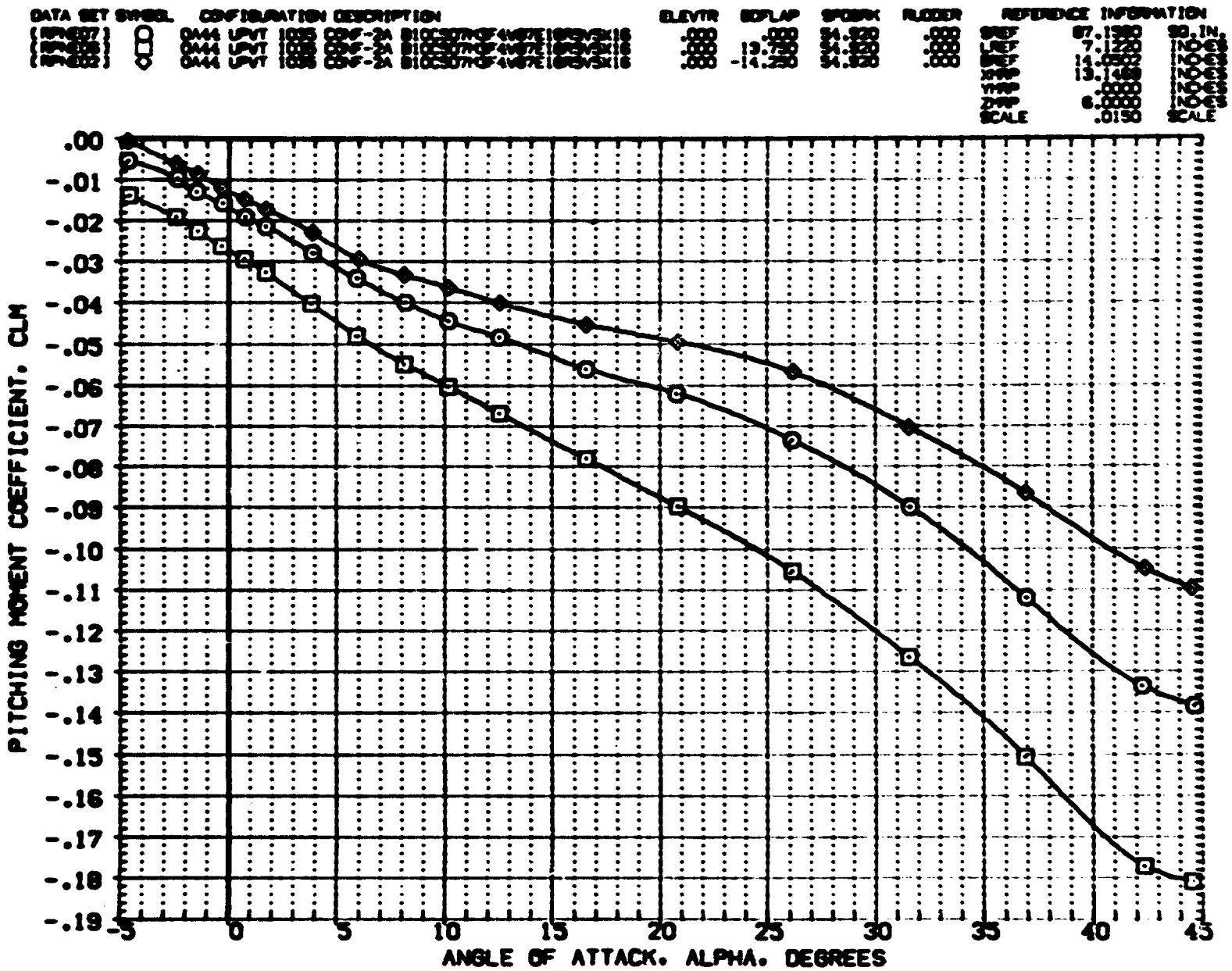
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	□	0A44 USVT 1088 CBF-2A [illegible]	.000	.000	54.930	.000
[illegible]	◇	0A44 USVT 1088 CBF-2A [illegible]	.000	-13.750	54.930	.000
[illegible]	◇	0A44 USVT 1088 CBF-2A [illegible]	.000	-14.250	54.930	.000

REFERENCE INFORMATION		
XMRP	67.1580	80.IN.
SREF	7.1220	INCHES
BREF	14.0900	INCHES
XMRP	13.1480	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

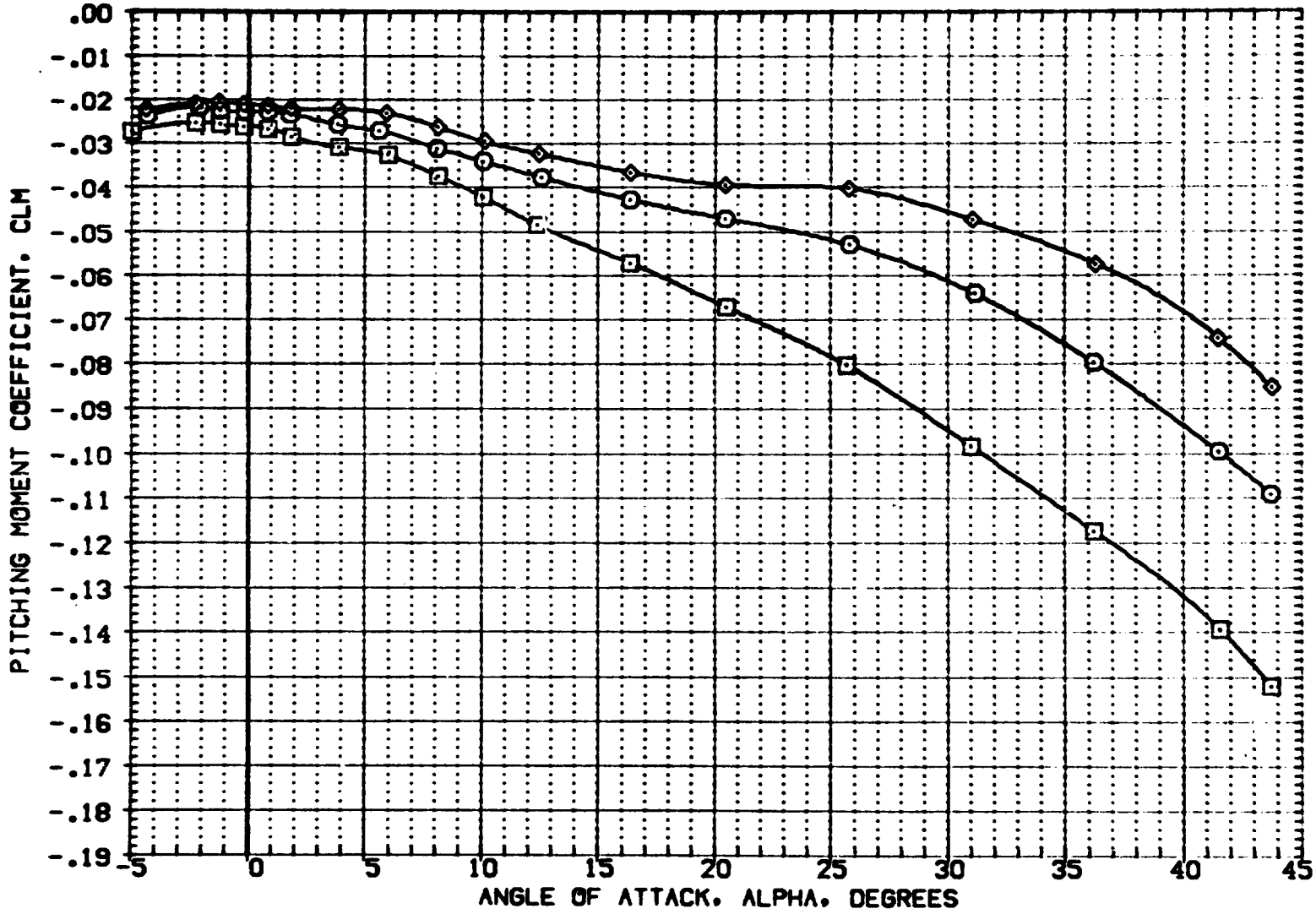


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1095 CONF-2A B10C507M3F4W87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1095 CONF-2A B10C507M3F4W87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1095 CONF-2A B10C507M3F4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
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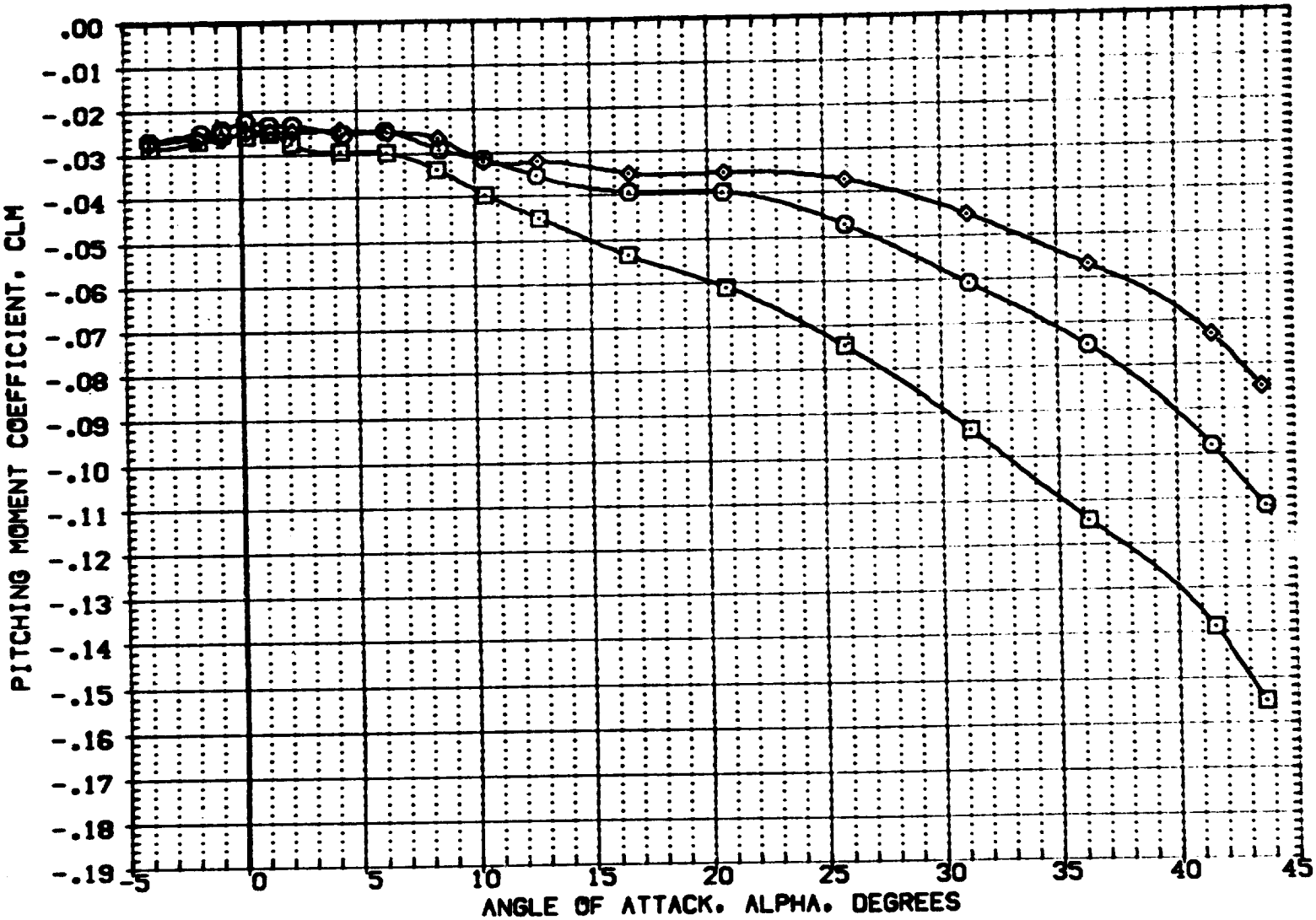


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE07]	○	0A44 UPVT 1035 CONF-2A B10C307HGF4V87E18R5V5X16	.000	.000	54.920	.000
[RPNE06]	□	0A44 UPVT 1035 CONF-2A B10C307HGF4V87E18R5V5X16	.000	13.750	54.920	.000
[RPNE02]	◇	0A44 UPVT 1035 CONF-2A B10C307HGF4V87E18F5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
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XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

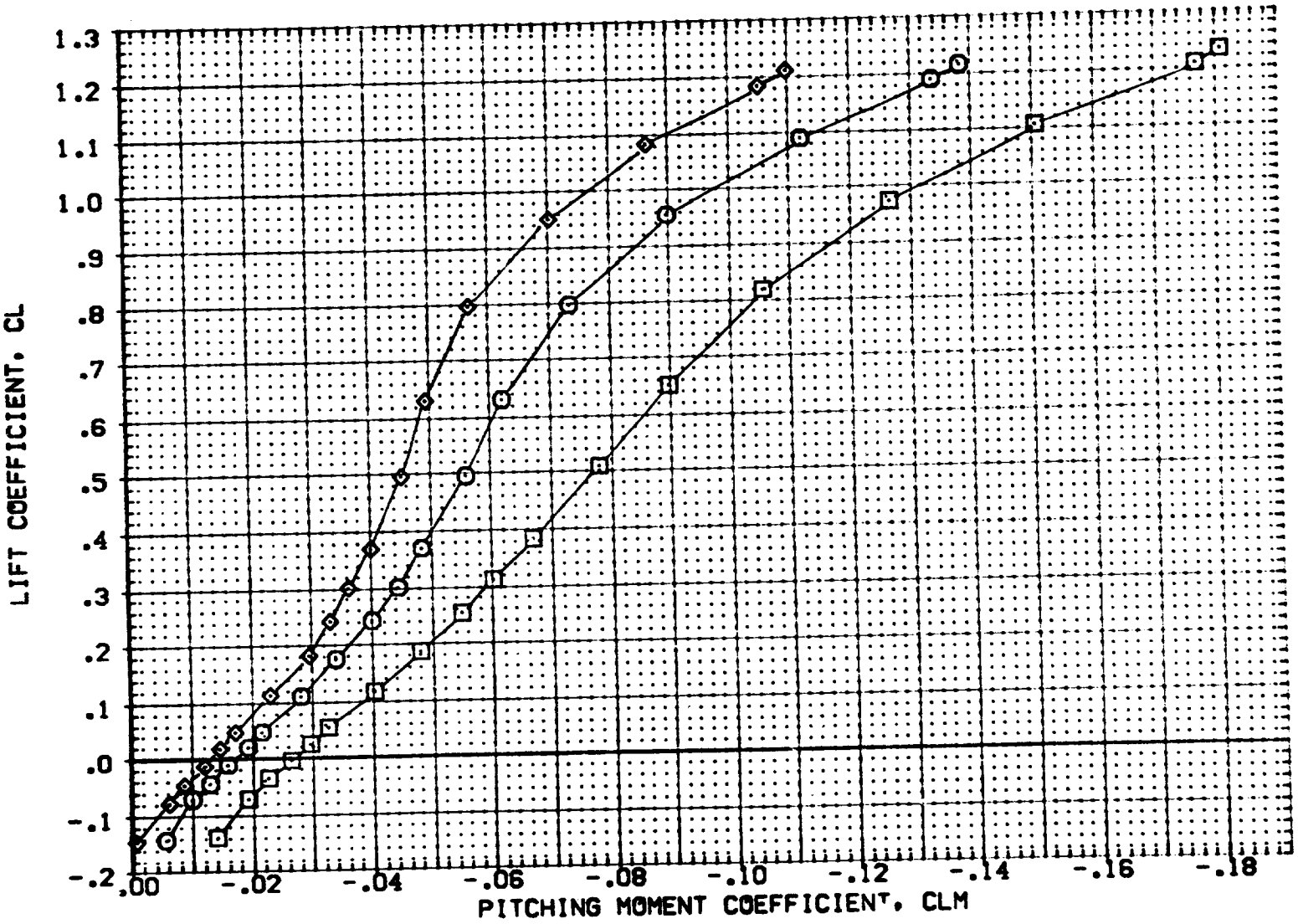


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
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LREF	7.1220	INCHES
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SCALE	.0150	SCALE

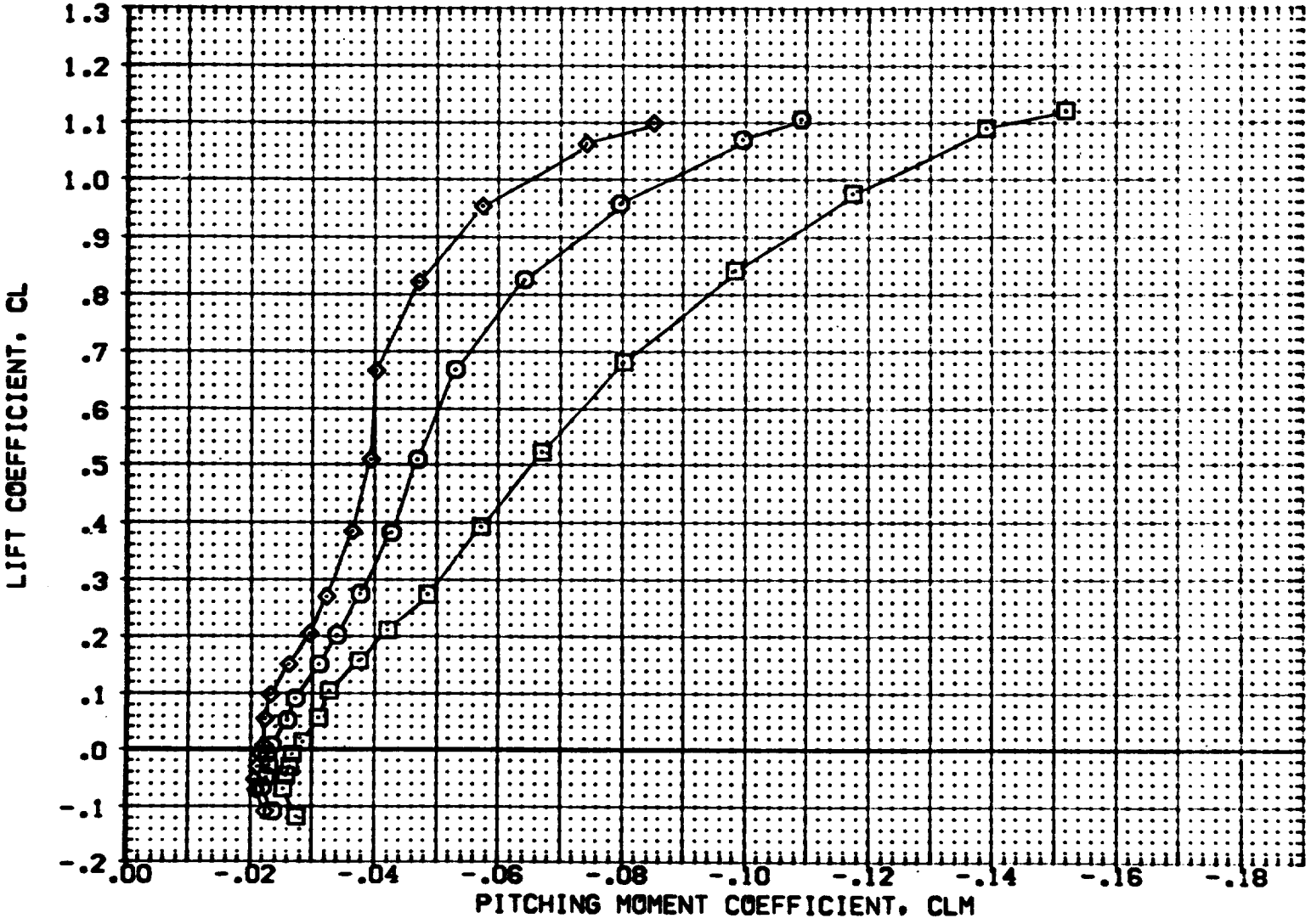


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	□	0A44 UPVT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	◇	0A44 UPVT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
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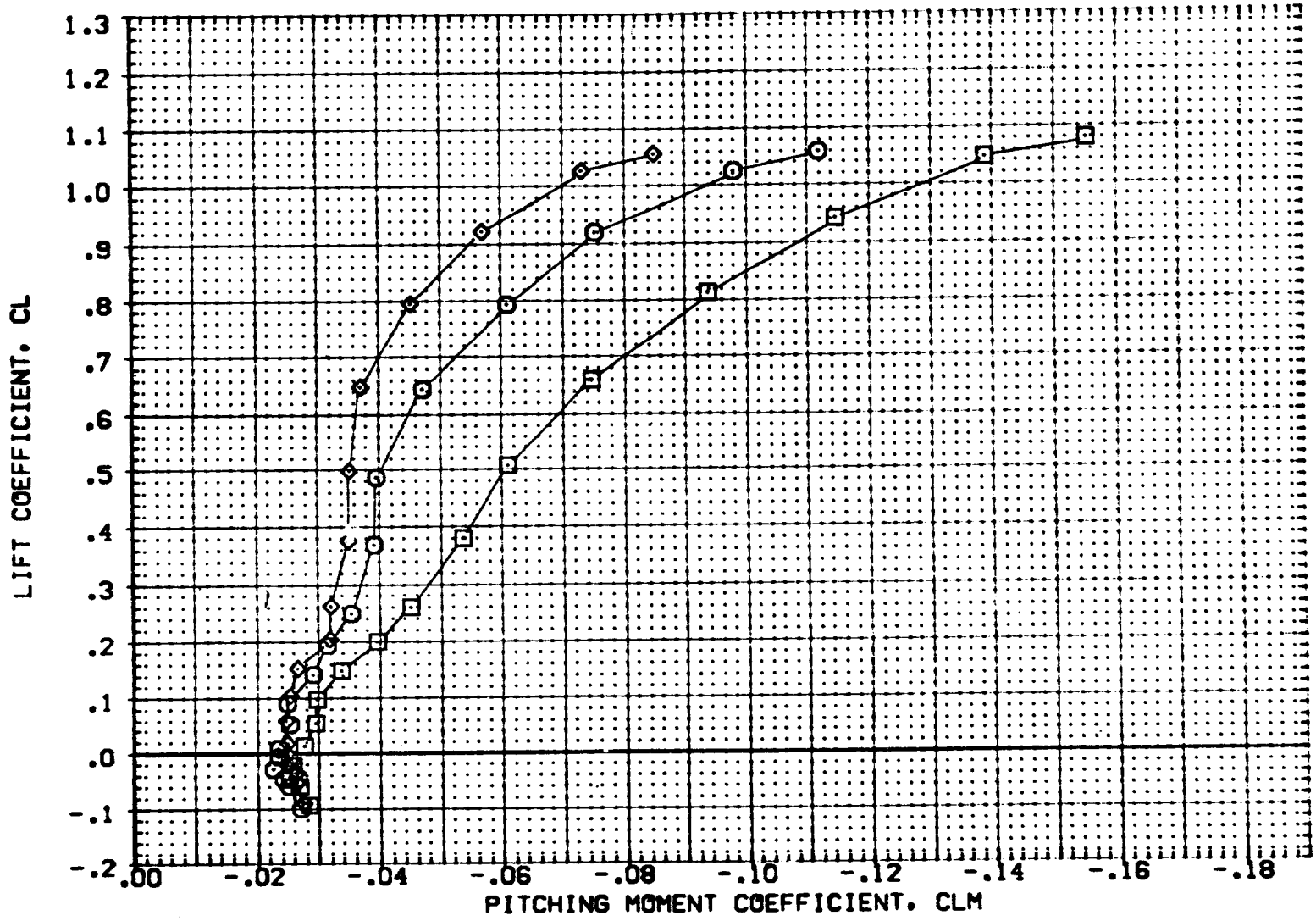


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1035 CONF-2A B10CSD7M3F4W87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1035 CONF-2A B10CSD7M3F4W87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10CSD7M3F4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
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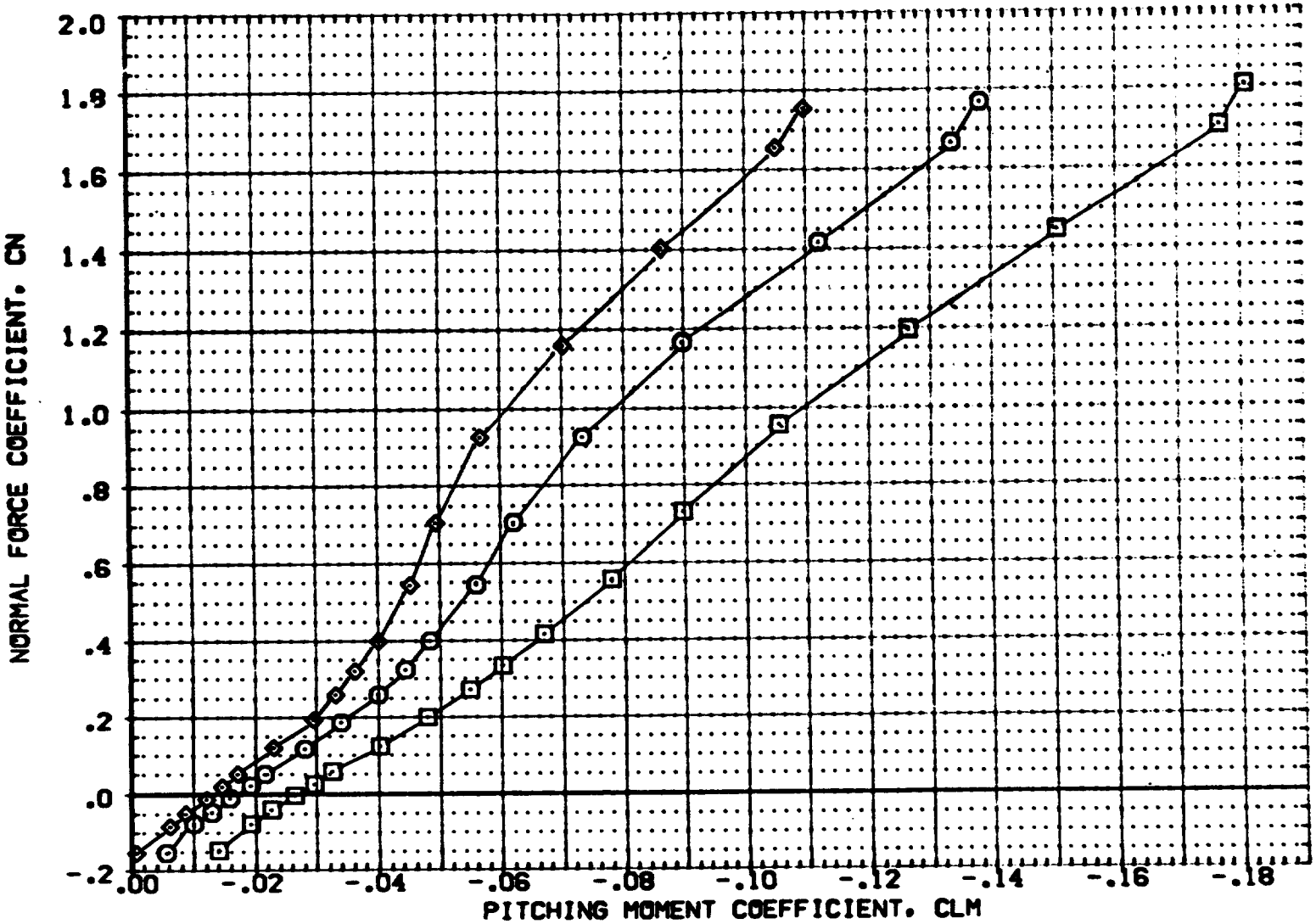


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	□	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	⊟	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
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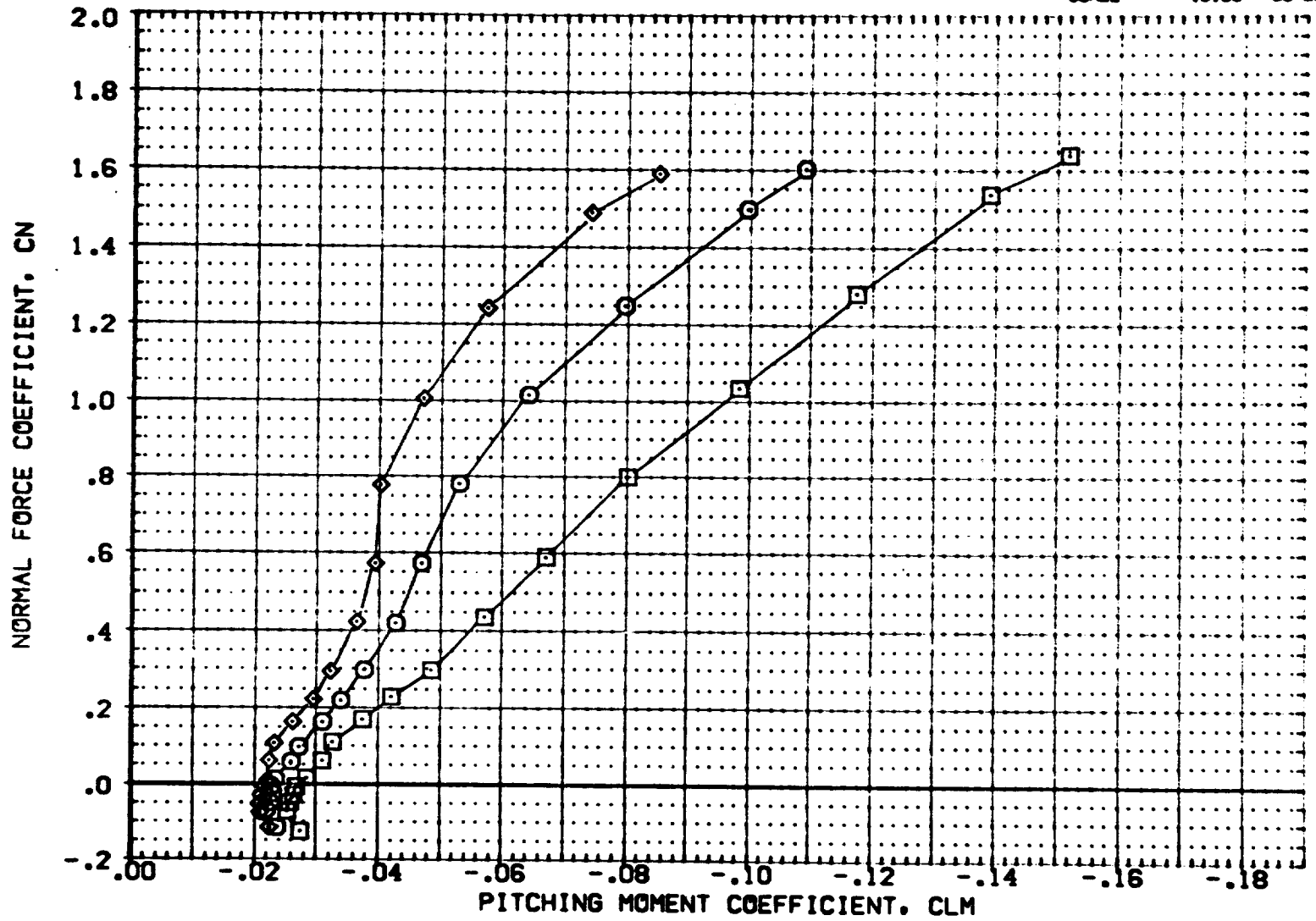


BODY FLAP DEFLECTED -898 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1035 CONF-2A B10CS07MGF4W87E18R5V5X16	.000	.000	54.920	.000
(RPNE08)	□	0A44 UPVT 1035 CONF-2A B10CS07MGF4W87E18R5V5X16	.000	19.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10CS07MGF4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

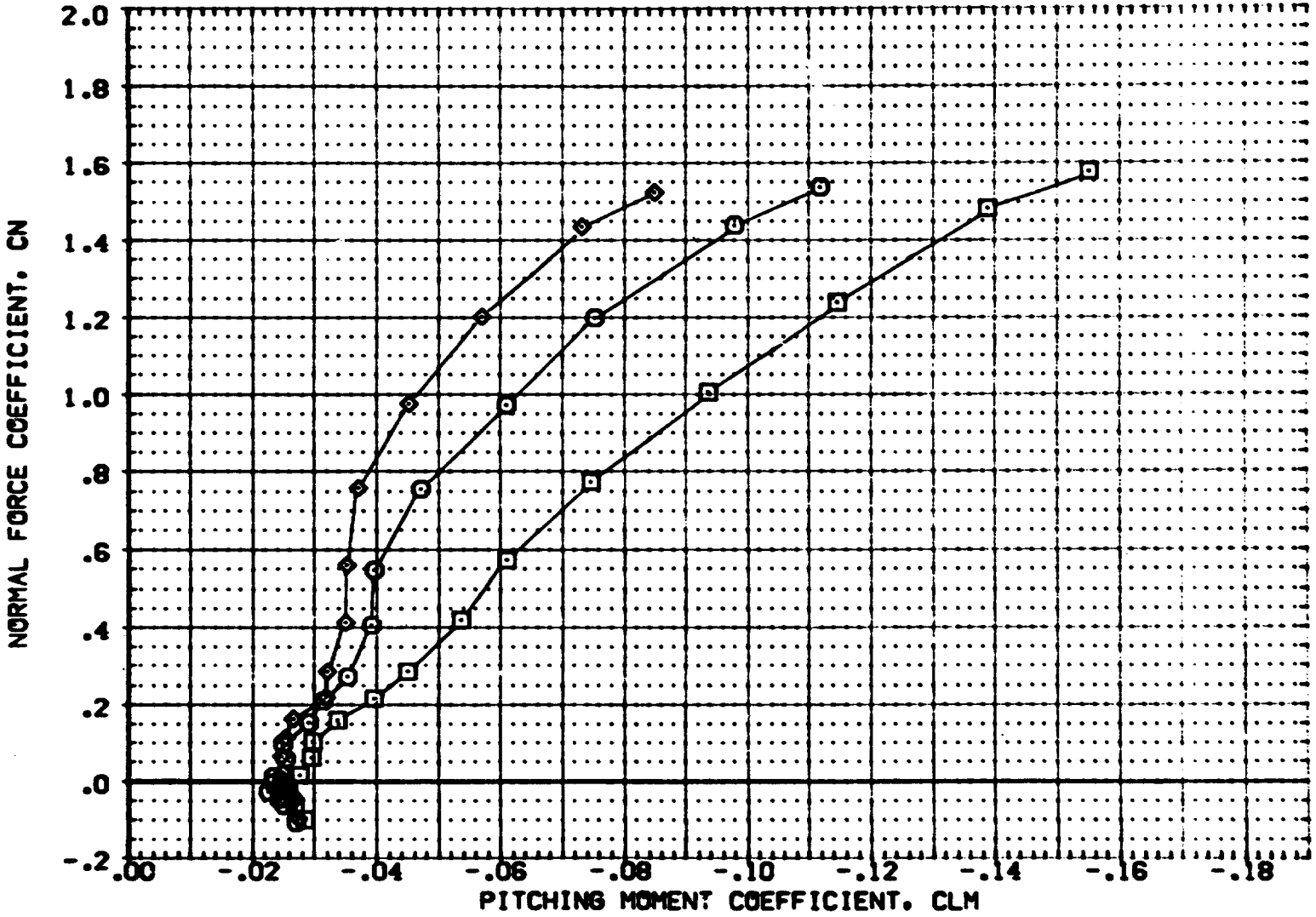


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

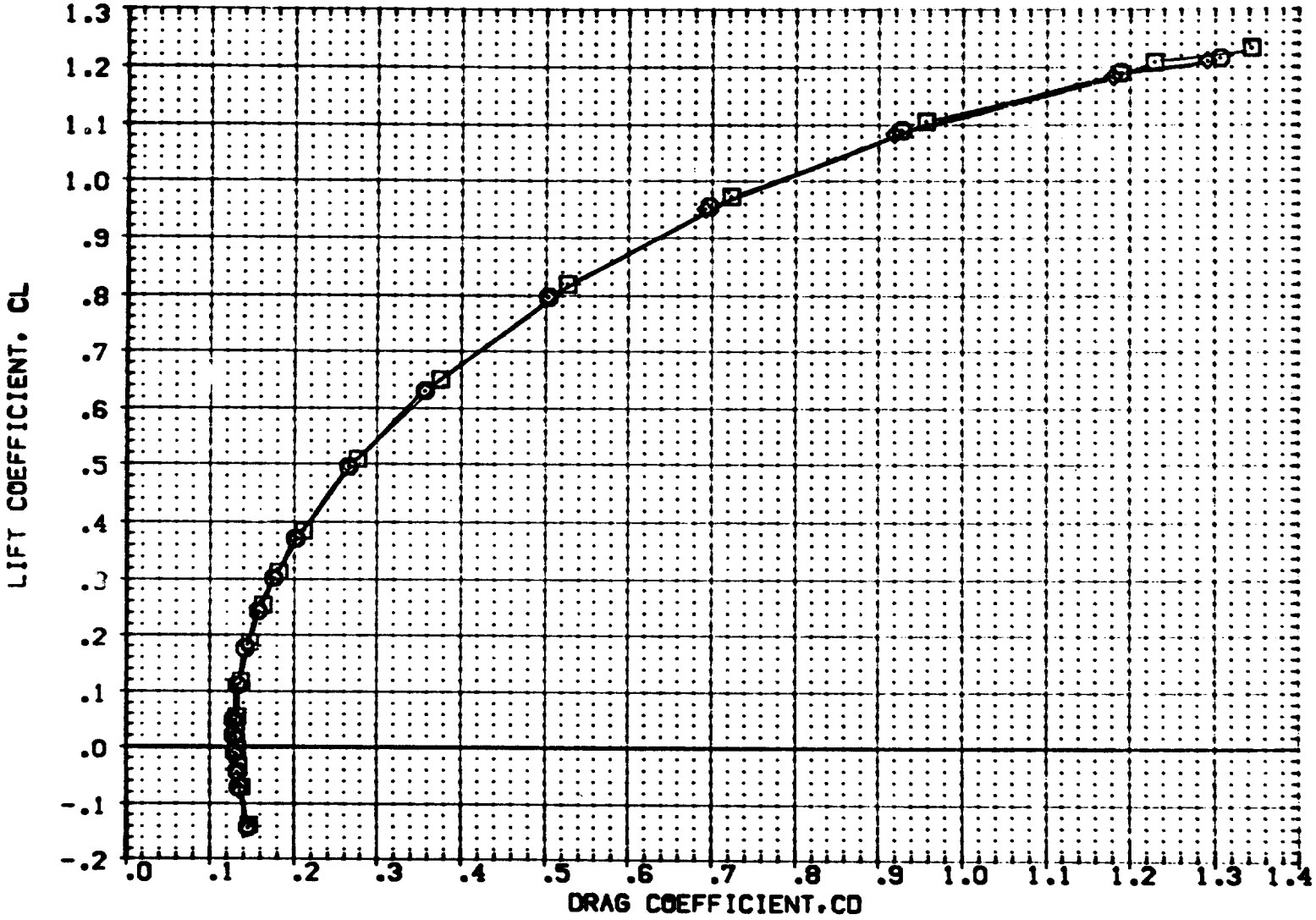


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1035 CONF-2A B10CSD7HCF4VB7E1BR5V5X16	.000	.000	54.920	.000
(RPNE06)	□	0A44 UPVT 1035 CONF-2A B10CSD7HCF4VB7E1BR5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1035 CONF-2A B10CSD7HCF4VB7E1BR5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	67.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

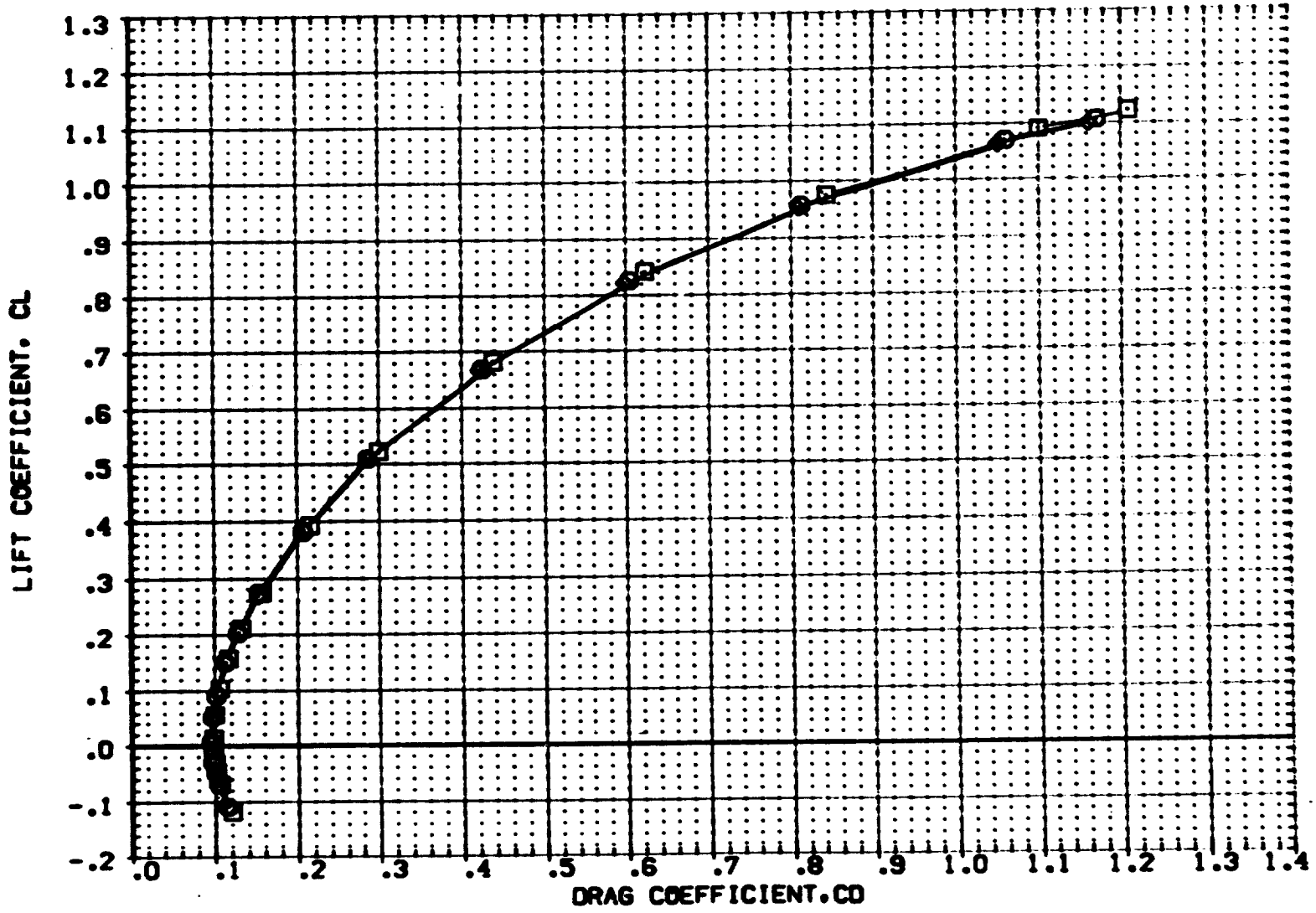


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPN807)	○	0A44 UPVT 1035 CONF-2A B10CSD7HDF4V87E1BR5V5X16	.000	.000	54.920	.000
(RPN808)	□	0A44 UPVT 1035 CONF-2A B10CSD7HDF4V87E1BR5V5X16	.000	13.750	54.920	.000
(RPN802)	◇	0A44 UPVT 1035 CONF-2A B10CSD7HDF4V87E1BR5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



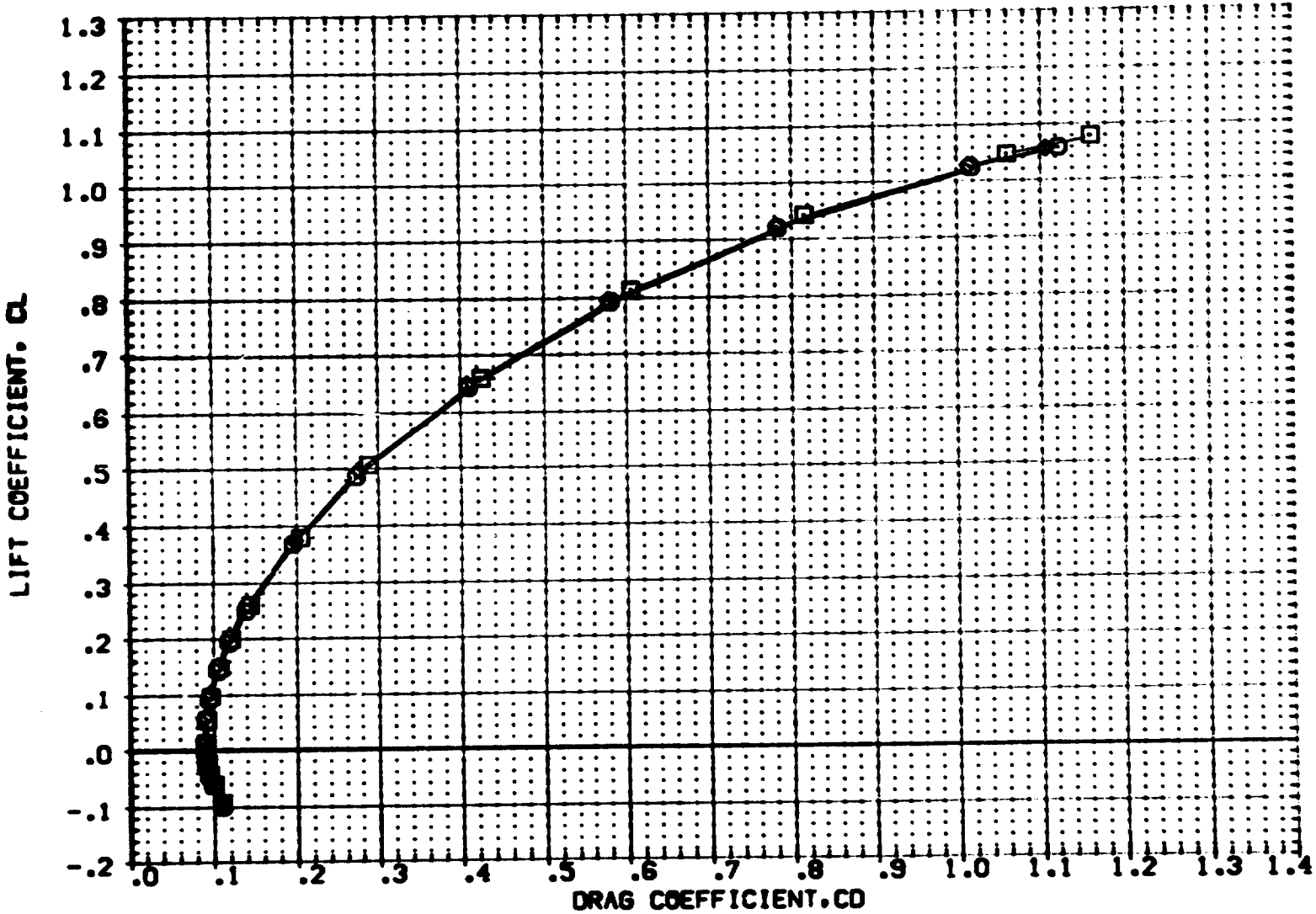
BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE07)	○	0A44 UPVT 1095 CONF-2A B10CS07MOF4WB7E1BR5V5X16	.000	.000	54.920	.000
(RPNE08)	□	0A44 UPVT 1095 CONF-2A B10CS07MOF4WB7E1BR5V5X16	.000	13.750	54.920	.000
(RPNE02)	◇	0A44 UPVT 1095 CONF-2A B10CS07MOF4WB7E1BR5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

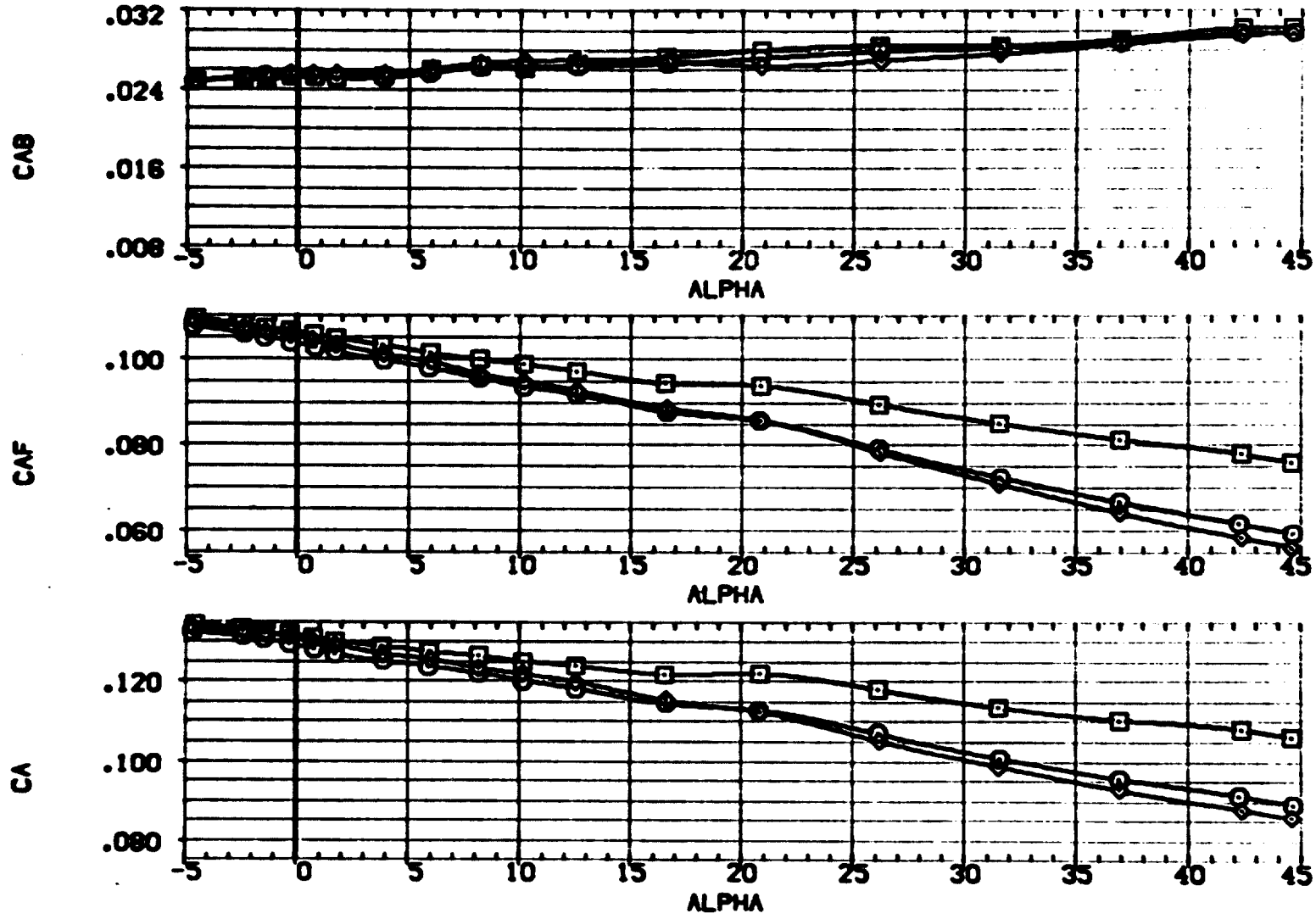


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPHP07]	□	OA44 UPVT 1005 CONF-2A B10CS07HOF4WB7E1BR3V5X16	.000	.000	54.820	.000
[RPHP08]	◇	OA44 UPVT 1005 CONF-2A B10CS07HOF4WB7E1BR3V5X16	.000	13.730	54.820	.000
[RPHP02]	◇	OA44 UPVT 1005 CONF-2A B10CS07HOF4WB7E1BR3V5X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



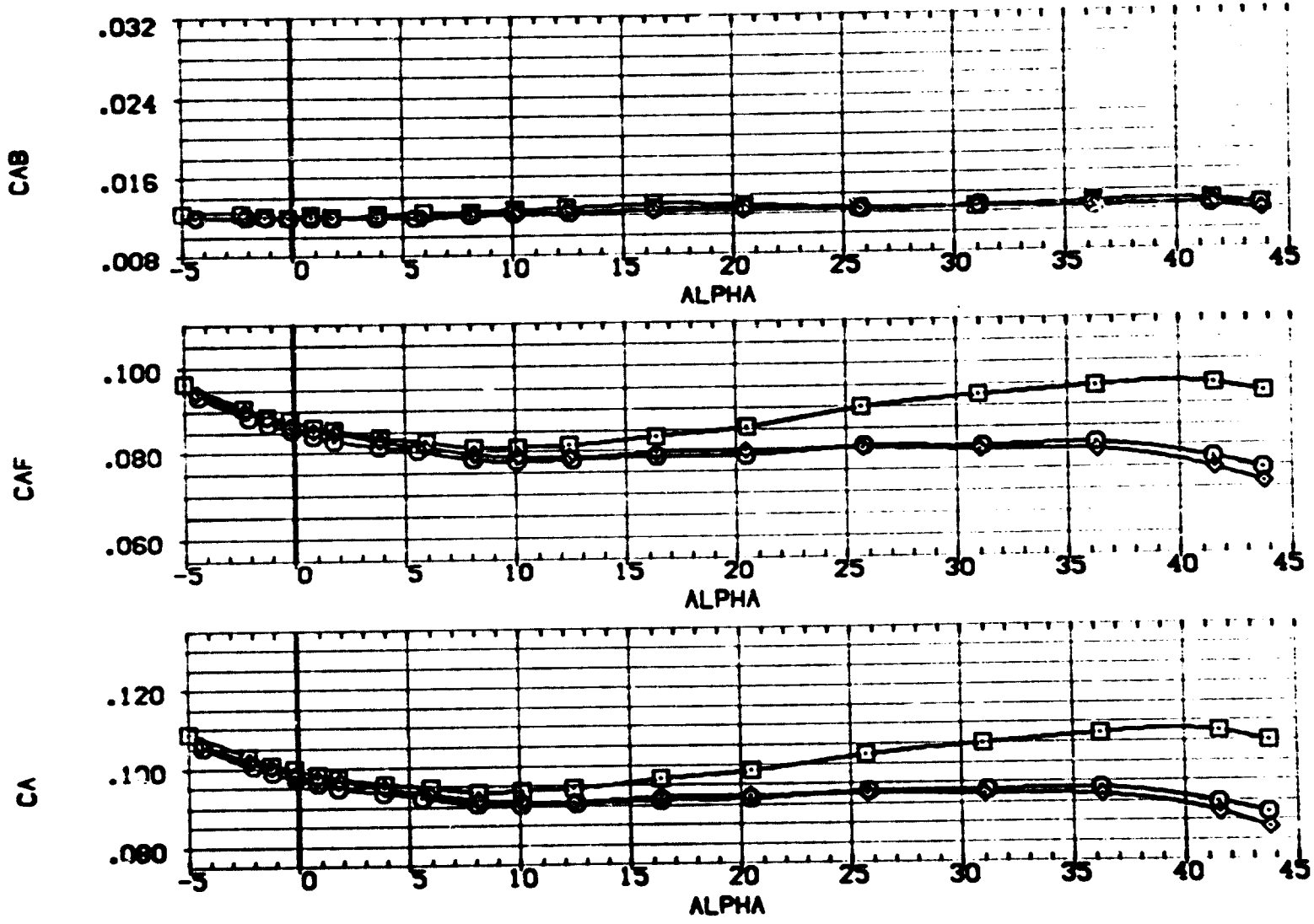
BODY FLAP DEFLECTED -898 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
{RPVP07}	□	0A44 UPVT 1035 CONF-2A B10C307HCF4W07E1R05V5X16	.000	.000	54.920	.000
{RPVP08}	○	0A44 UPVT 1035 CONF-2A B10C307HCF4W07E1R05V5X16	.000	13.750	54.920	.000
{RPVP02}	◇	0A44 UPVT 1035 CONF-2A B10C307HCF4W07E1R05V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

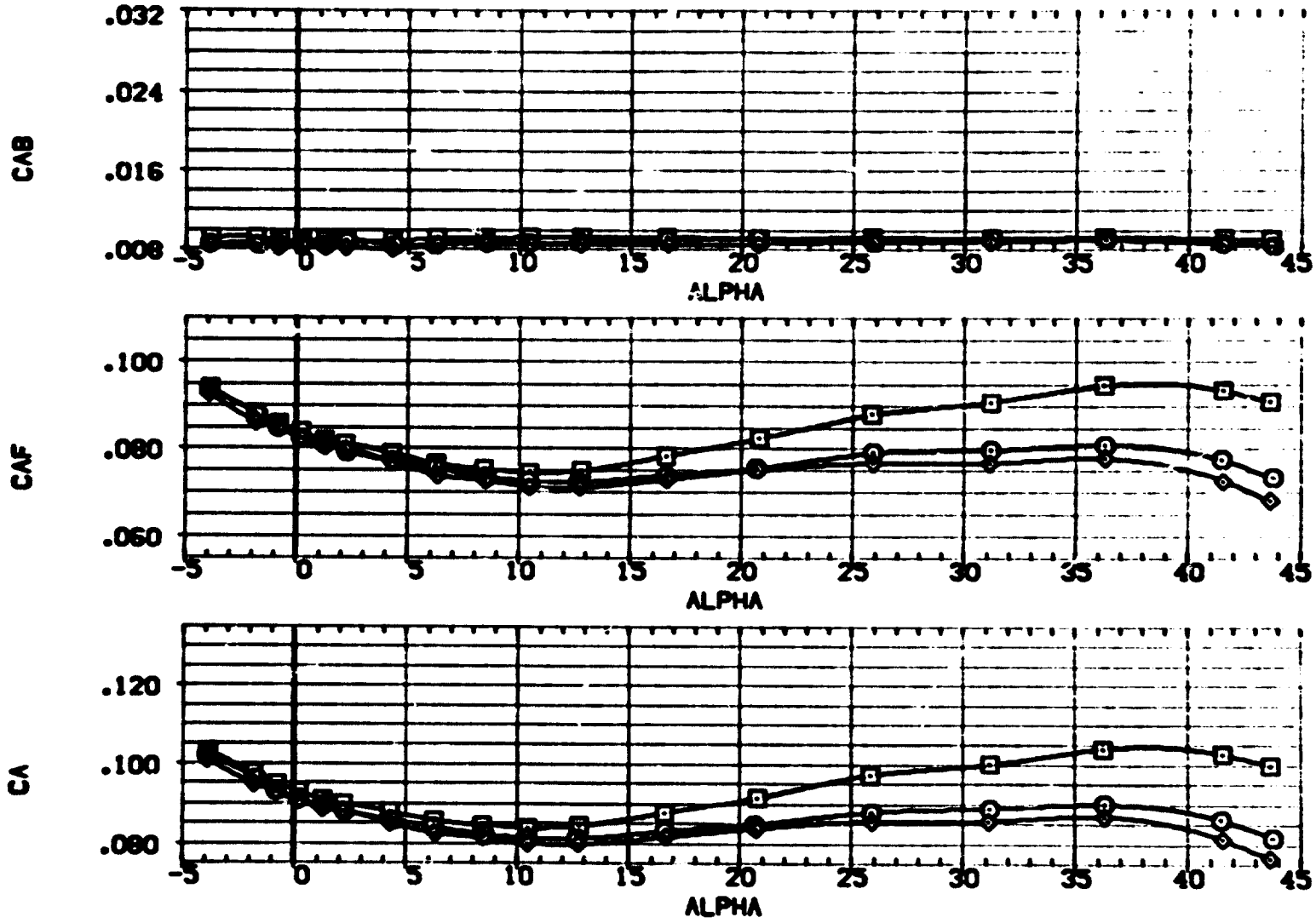


BODY FLAP DEFLECTED -898 CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]		0444 UPVT 1035 CONF-2A B10CS07HCF4V87E1[illegible]V5X16	.000	.000	54.920	.000
[illegible]		0444 UPVT 1035 CONF-2A B10CS07HCF4V87E1[illegible]V5X16	.000	13.730	54.820	.000
[illegible]		0444 UPVT 1035 CONF-2A B10CS07HCF4V87E1[illegible]V5X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	13.1480	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

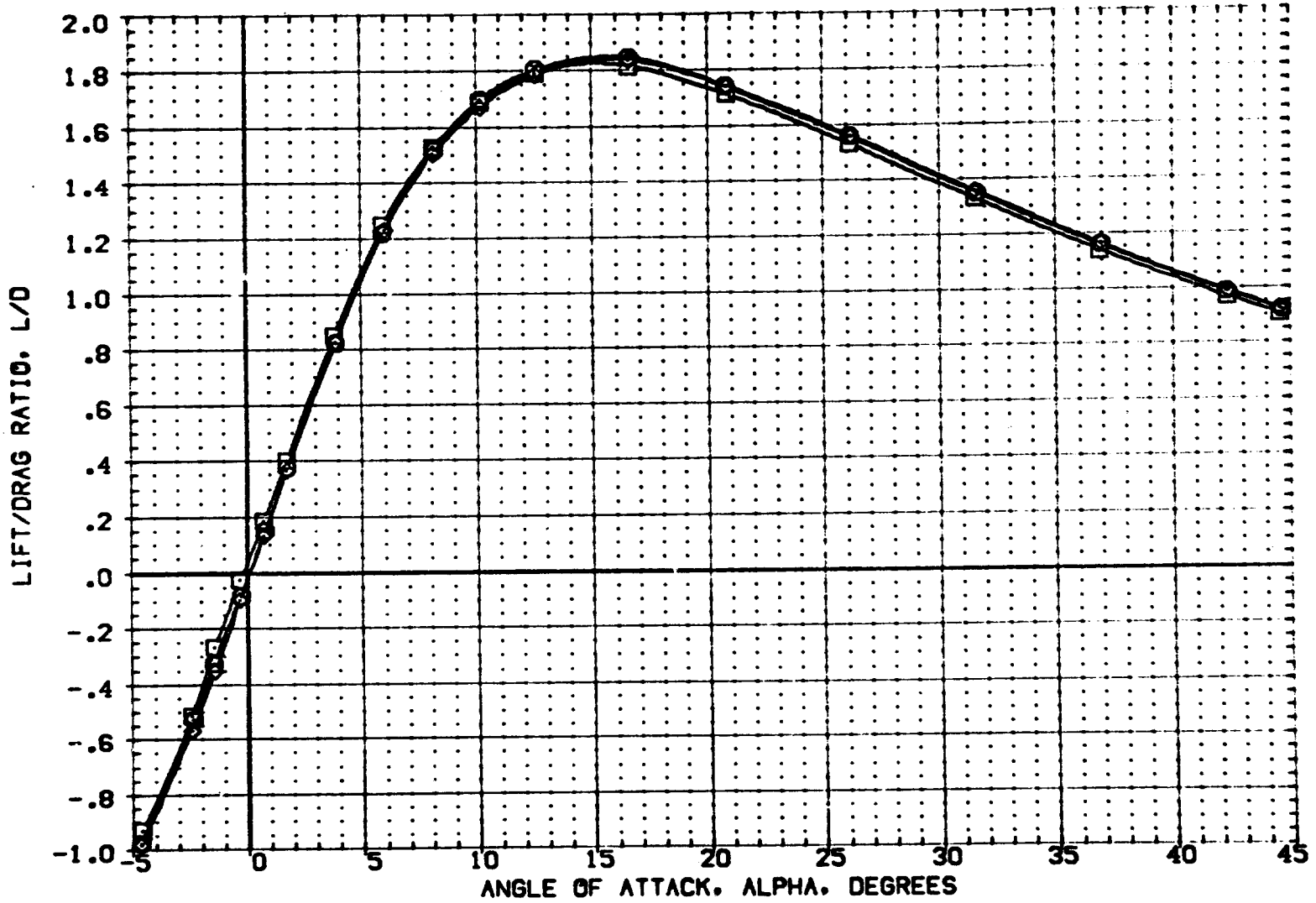


BODY FLAP DEFLECTED -898 CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNP07) □	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	54.920	.000
(RPNP06) ◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNP02) ◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.C:50	SCALE

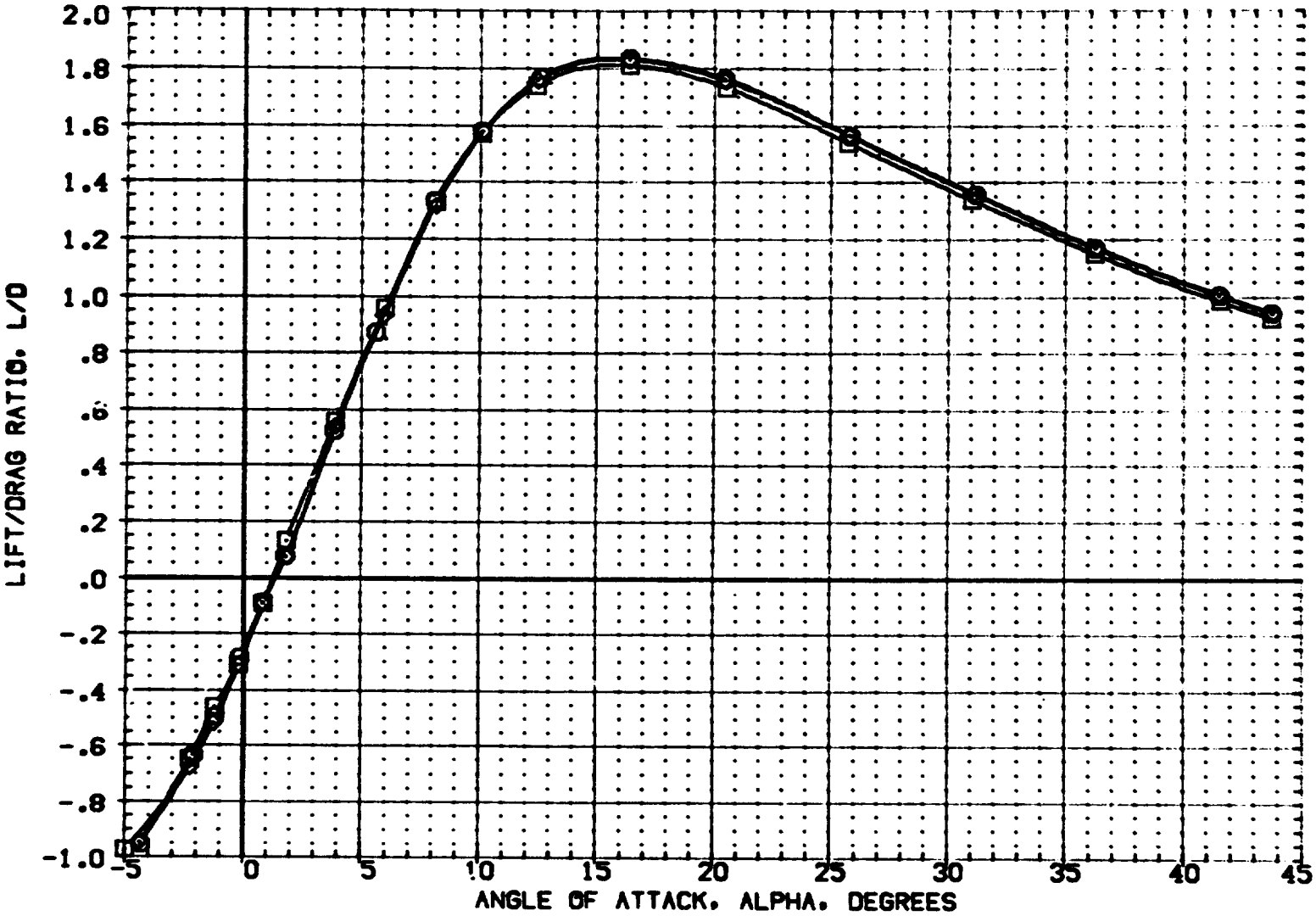


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP07)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	54.920	.000
(RPNP06)	◻	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	13.750	54.920	.000
(RPNP02)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

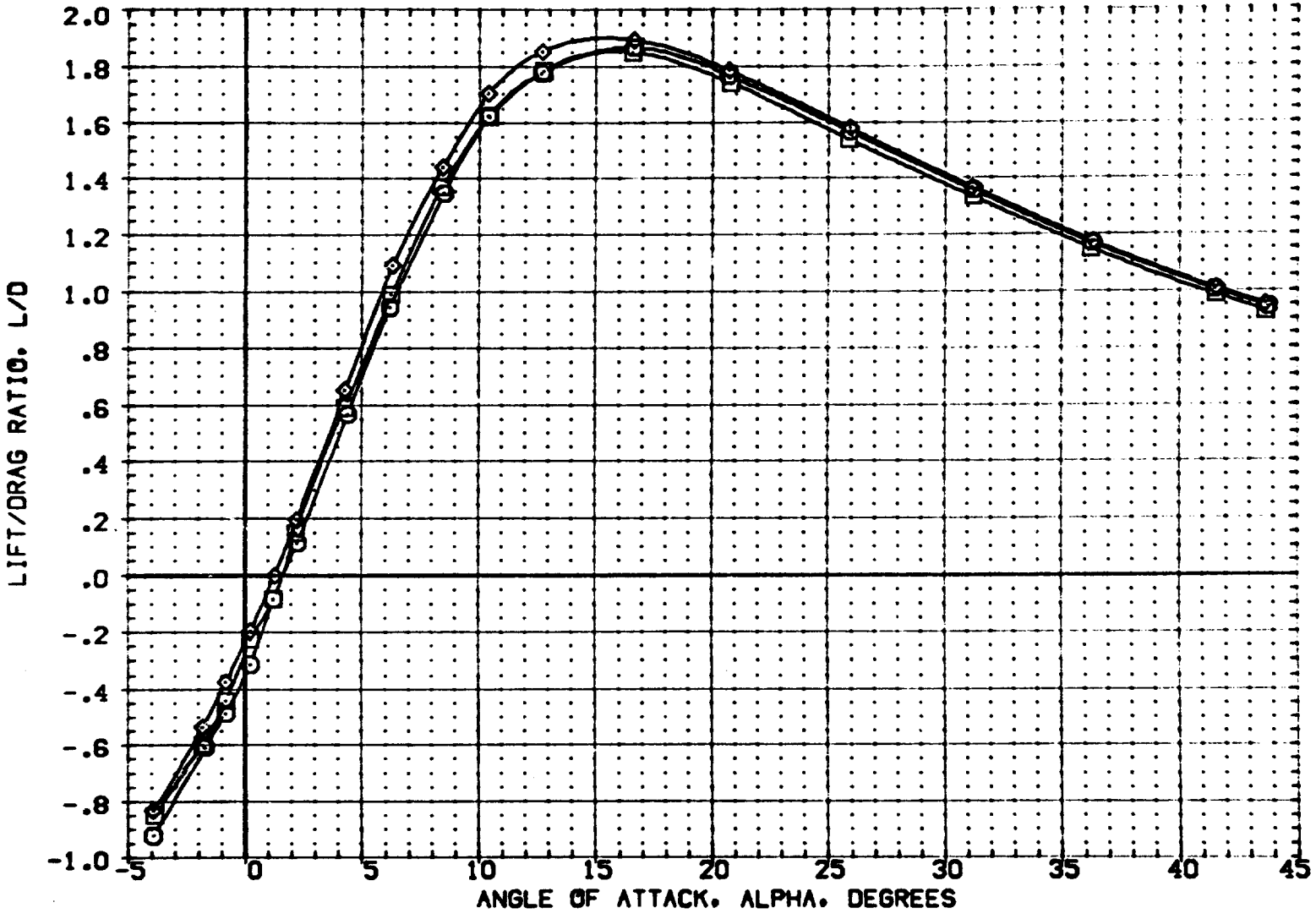


BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

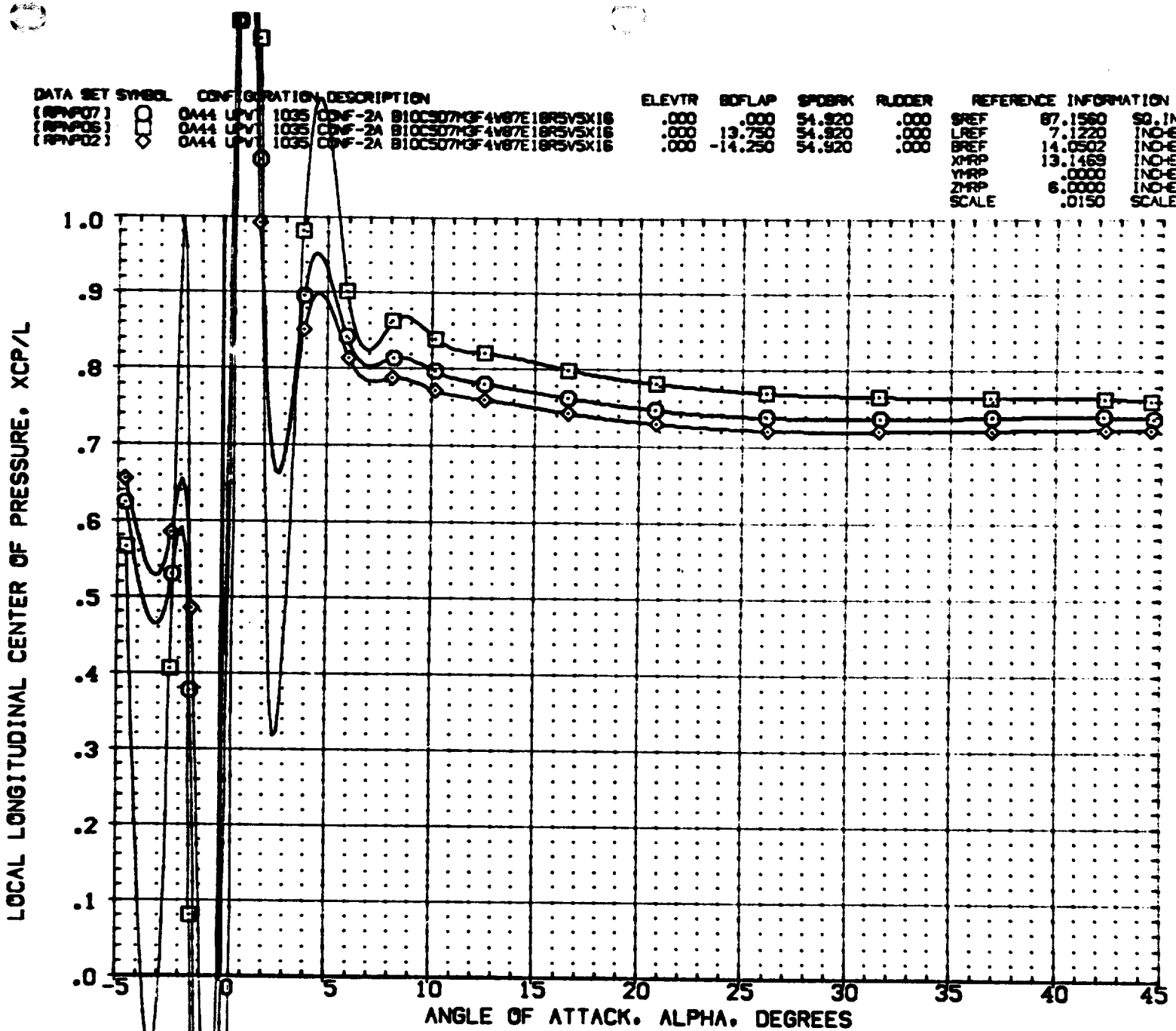
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP07)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	54.920	.000
(RPNP06)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	19.790	54.920	.000
(RPNP02)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



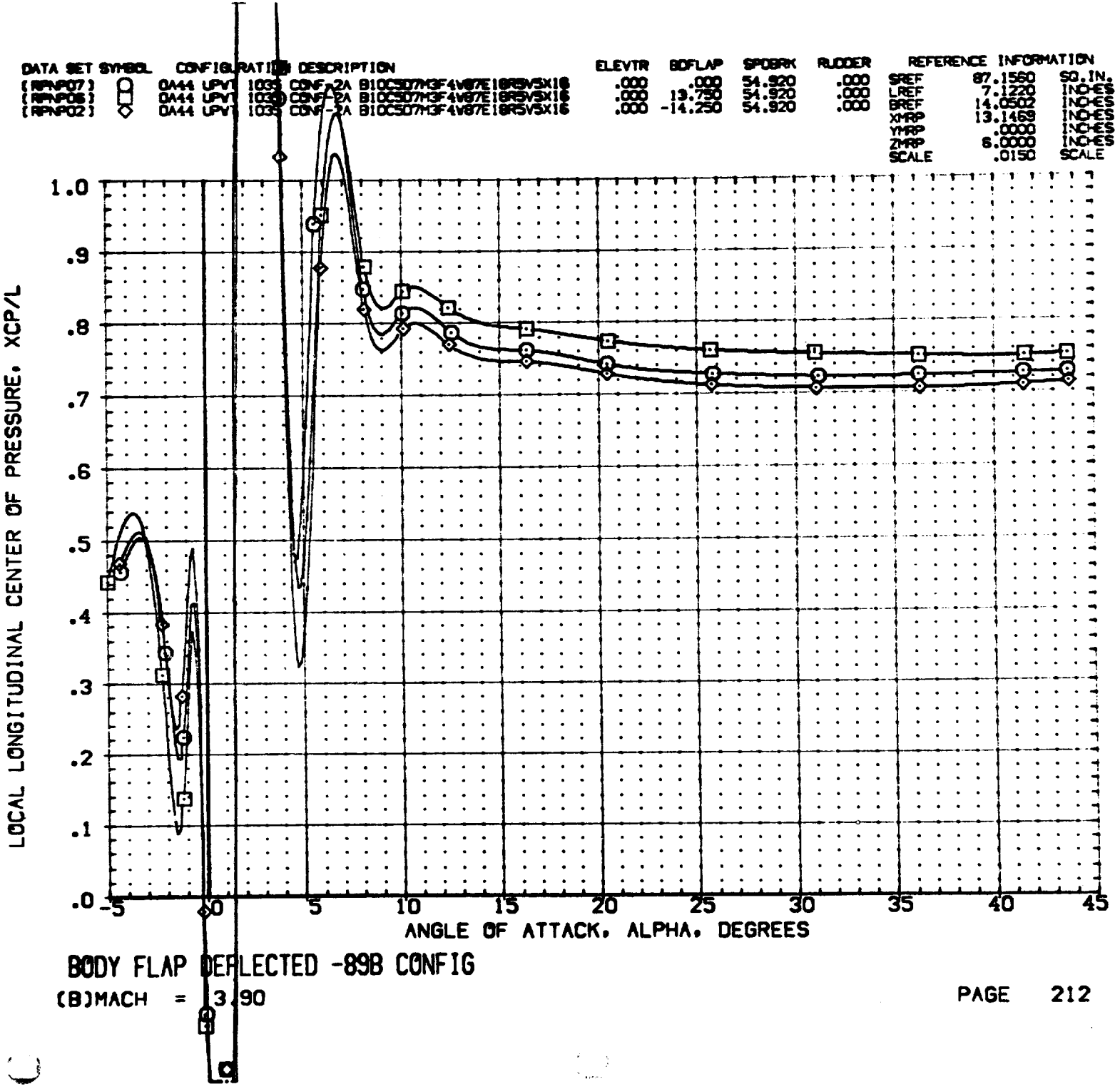
BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60



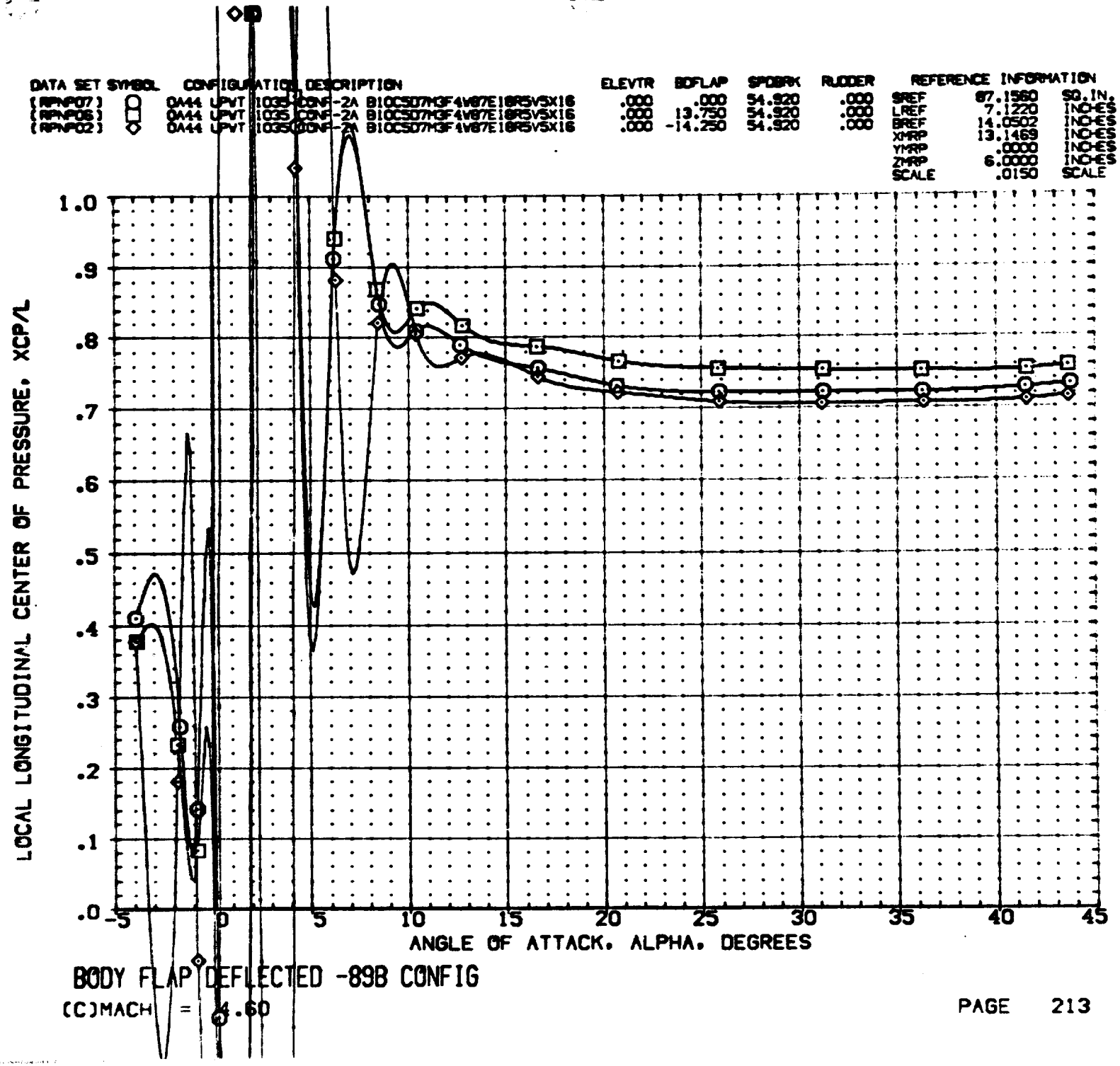
BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50



BODY FLAP DEFLECTED -89B CONFIG

(B)MACH = 3.90

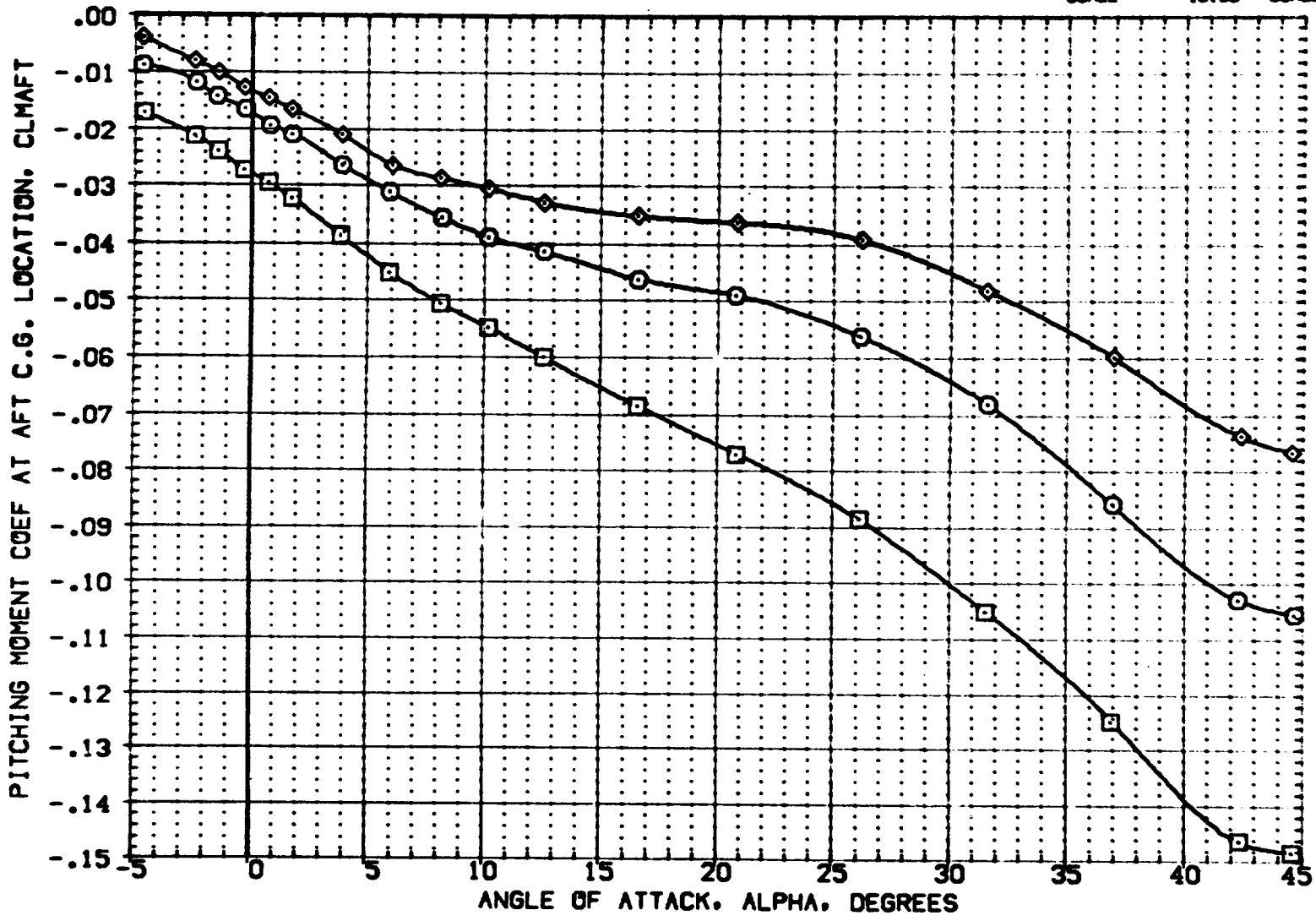


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
[MPN207]	○	0A44.UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	54.920	.000
[MPN206]	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	13.750	54.920	.000
[MPN202]	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

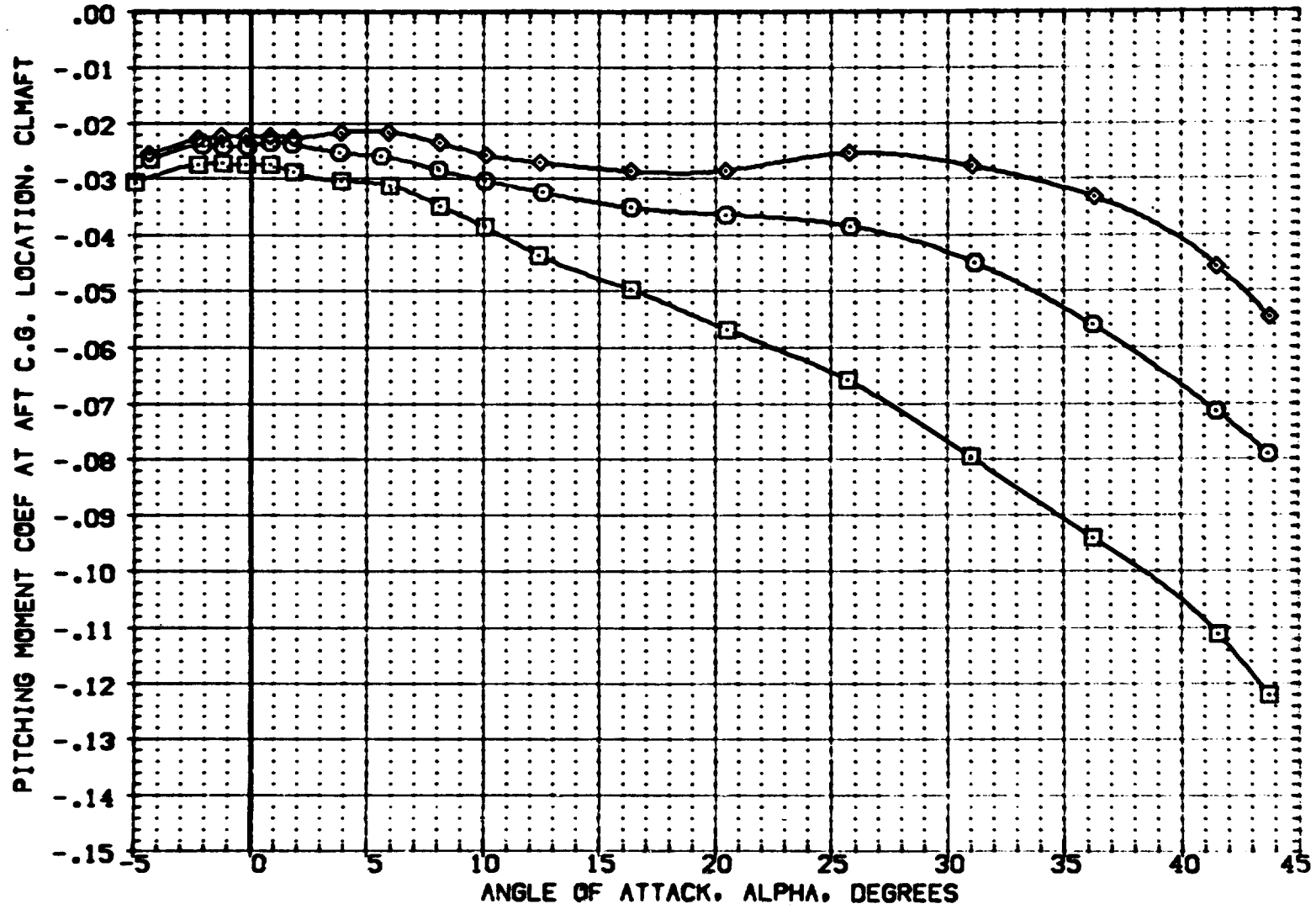


BODY FLAP DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(HPN2007)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	54.920	.000
(HPN2006)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	13.750	54.920	.000
(HPN2002)	◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.9800	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

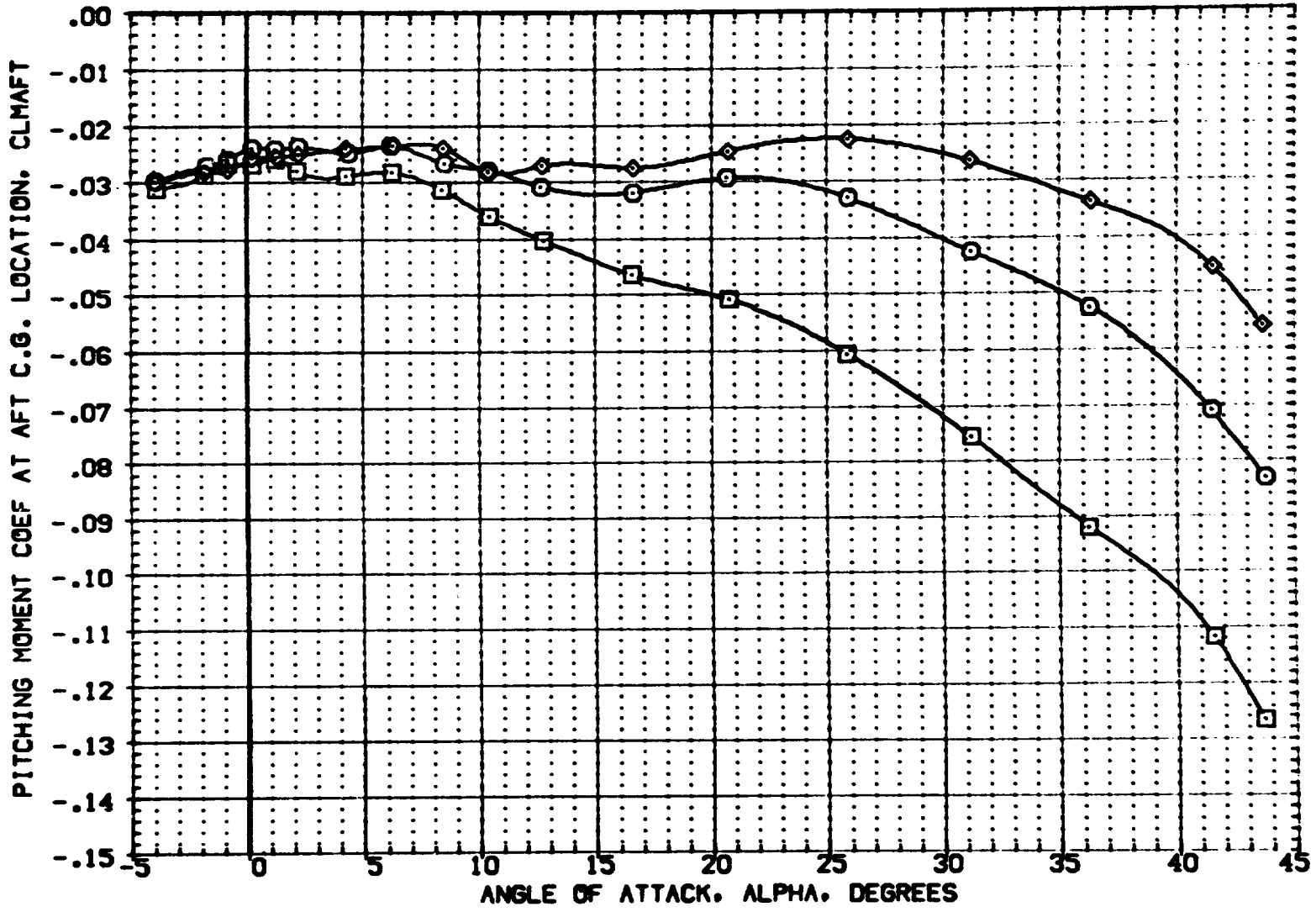


BODY FLAP DEFLECTED -99B CONFIG

(3)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(HRN207)	□	0A44 UPVT 1035 CONF-2A B10C3D7H3F4W87E1BR3V3X16	.000	.000	54.920	.000
(HRN206)	□	0A44 UPVT 1035 CONF-2A B10C3D7H3F4W87E1BR3V5X16	.000	13.750	54.920	.000
(HRN202)	◇	0A44 UPVT 1035 CONF-2A B10C3D7H3F4W87E1BR5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.5454	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

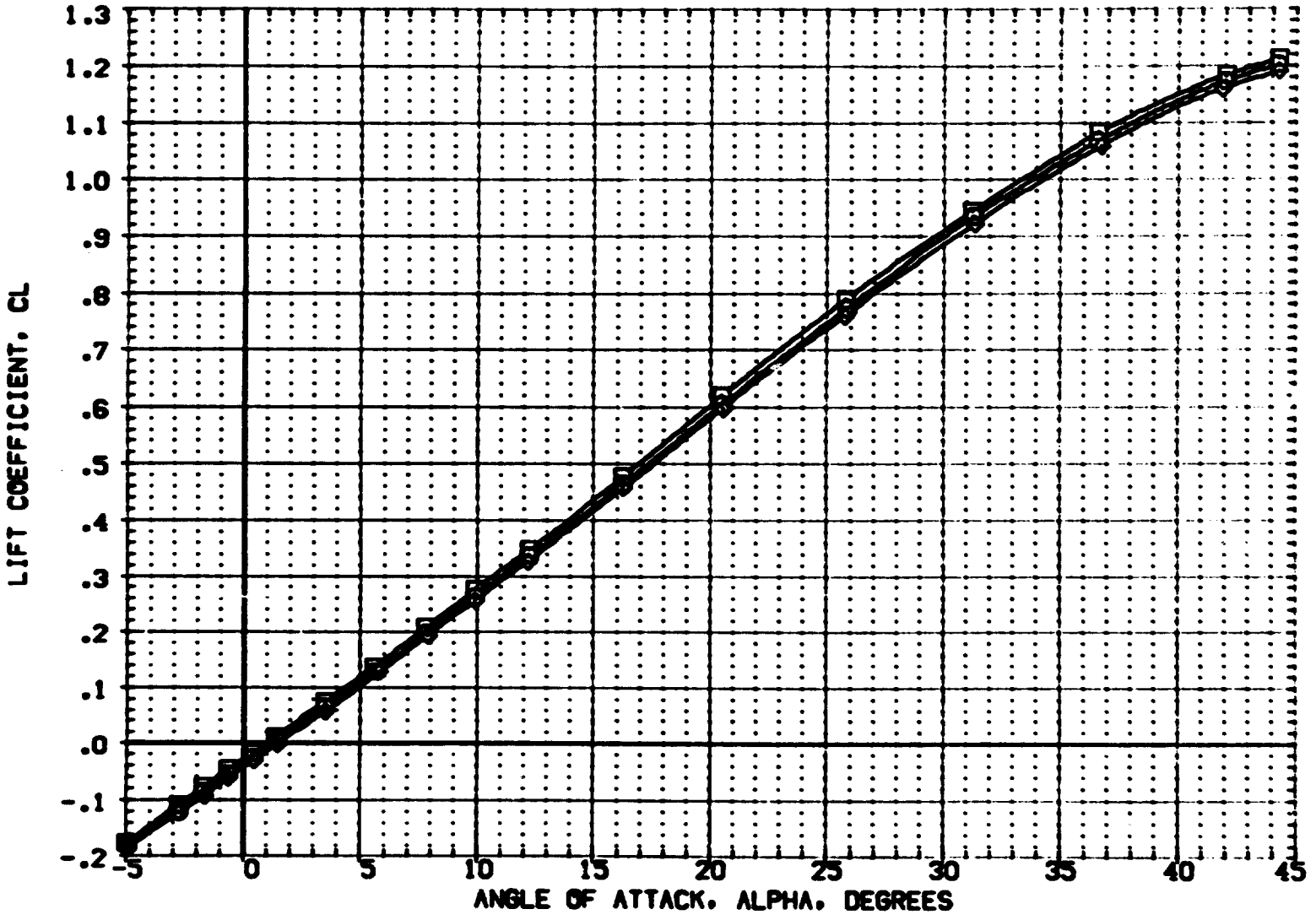


BODY FLAP DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE23)	□	0A44 UPVT 1035 CONF4	B1SC7E23F3H4R3V7V107X16	.000	.000	54.920	.000
(RPNE22)	△	0A44 UPVT 1035 CONF4	B1SC7E23F3H4R3V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F3H4R3V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

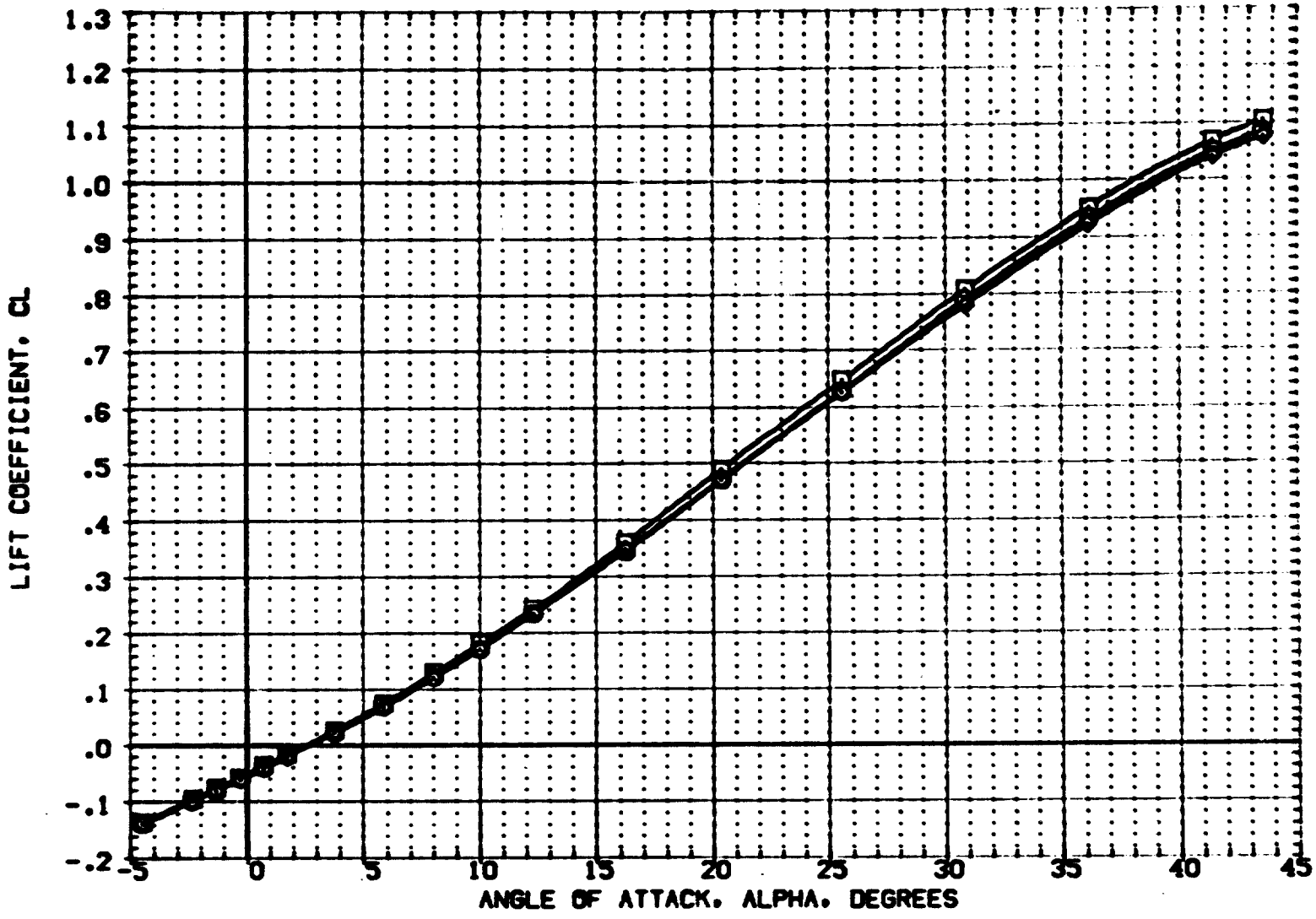


BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOSRK	RUDDER
[RPNE23]		0A44 UPVT 1085 CONF4 B1SC7E23F3HAR5V7V107X16	.000	.000	54.920	.000
[RPNE22]		0A44 UPVT 1085 CONF4 B1SC7E23F3HAR5V7V107X16	.000	13.750	54.920	.000
[RPNE19]		0A44 UPVT 1085 CONF4 B1SC7E23F3HAR5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

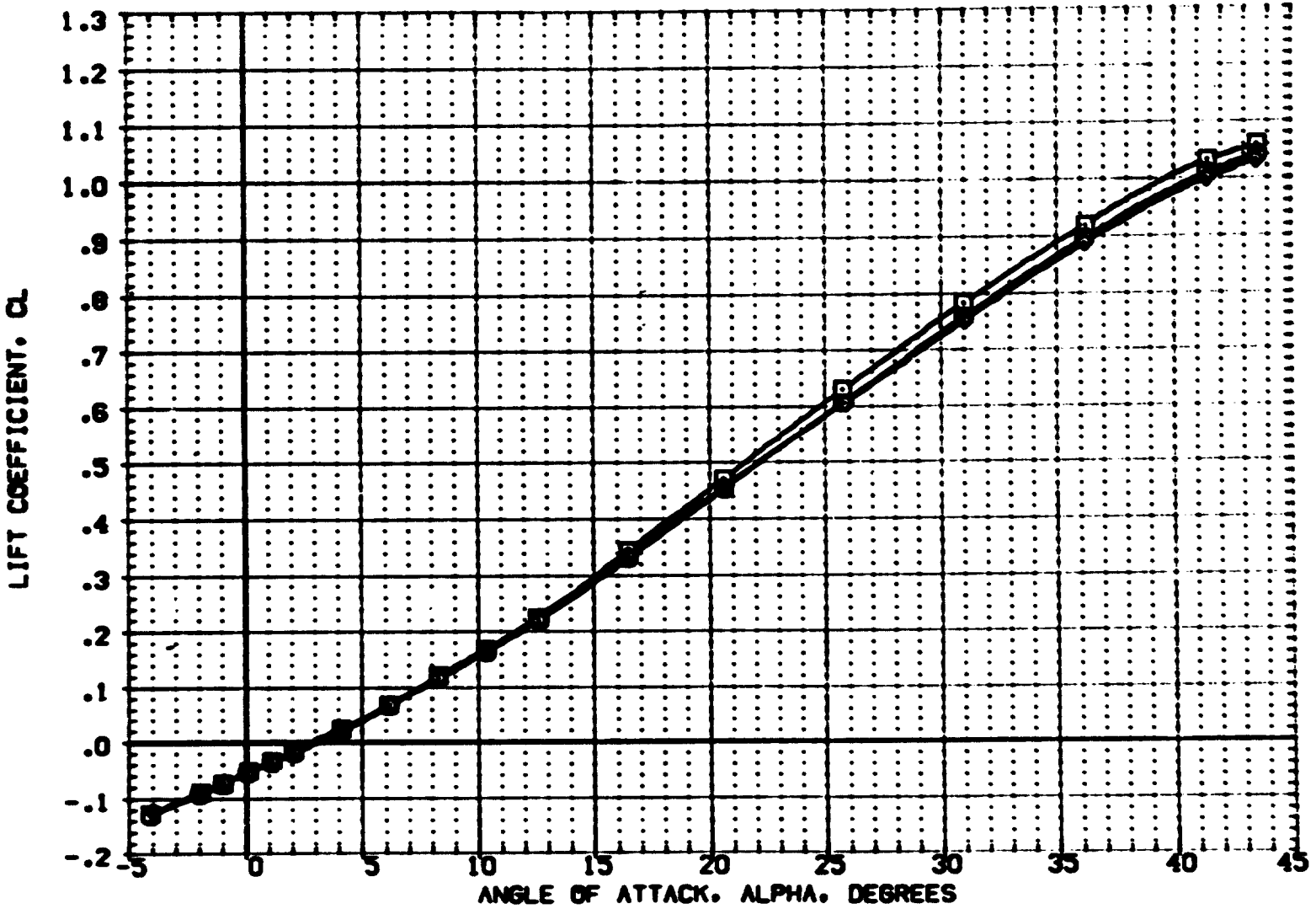


BODY FLAP DEFLECTED -13DB CONFIG

(B)MACH = 3.90

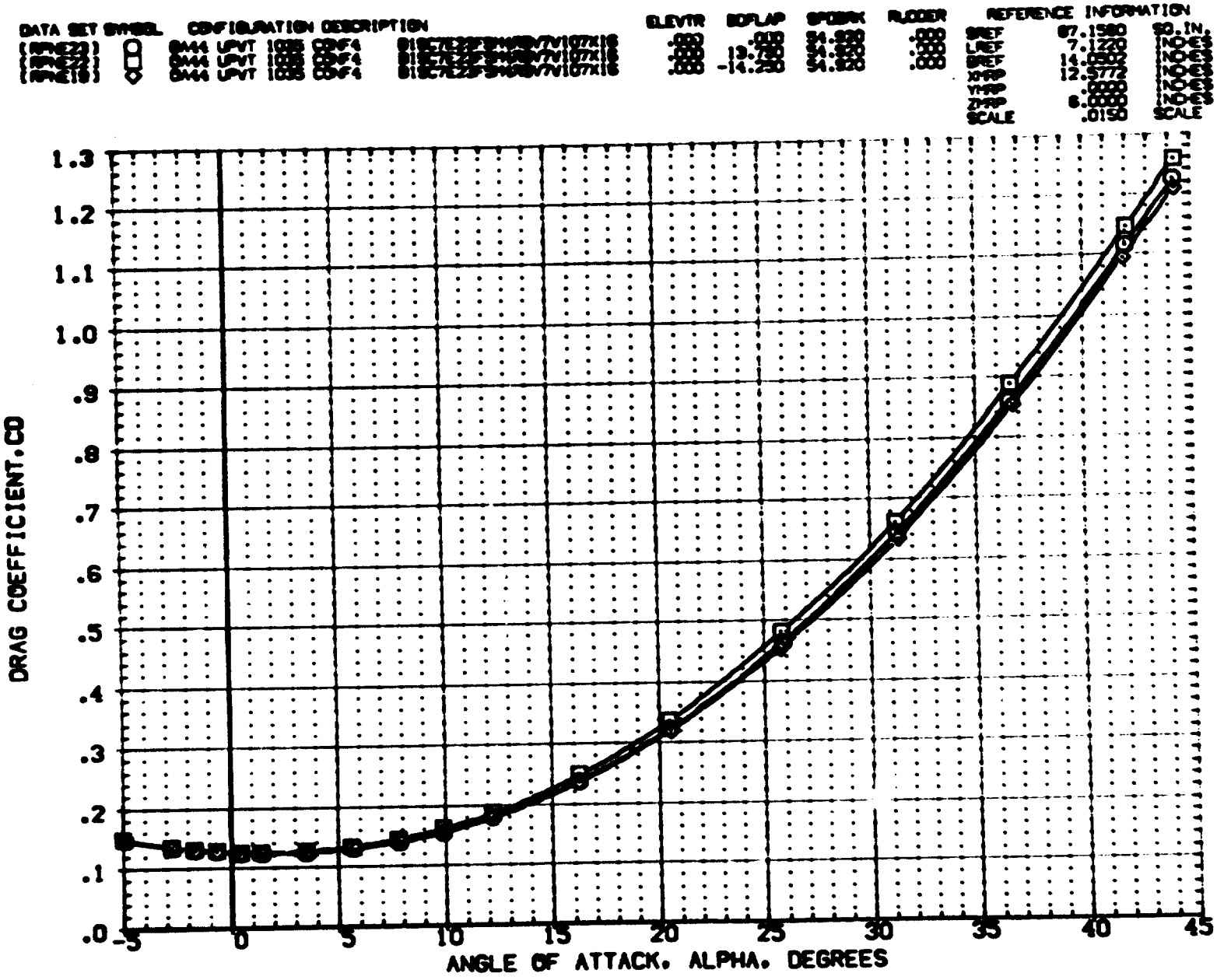
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RUN 23]	□	0A44 UPVT 1035 CONF4 B1SC7E23F3HUSV7V107X16	.000	.000	54.920	.000
[RUN 22]	◁	0A44 UPVT 1035 CONF4 B1SC7E23F3HUSV7V107X16	.000	-13.780	54.920	.000
[RUN 18]	◇	0A44 UPVT 1035 CONF4 B1SC7E23F3HUSV7V107X16	.000	-14.230	54.920	.000

REFERENCE INFORMATION		
SREF	87.1380	SQ.IN.
LREF	7.1228	INCHES
BREF	14.0882	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



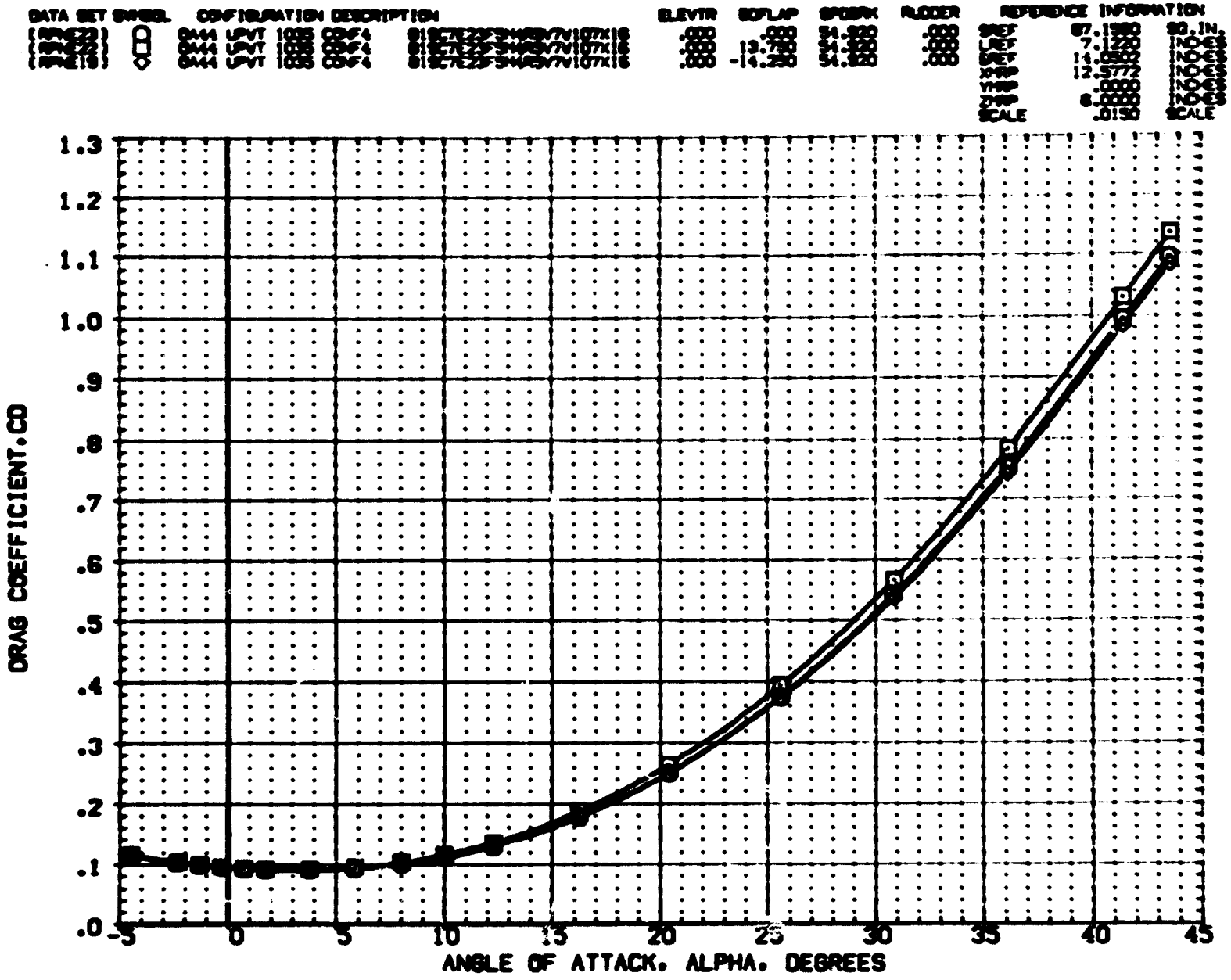
BODY FLAP DEFLECTED -13DB CONFIG

(C)MACH = 4.60



BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

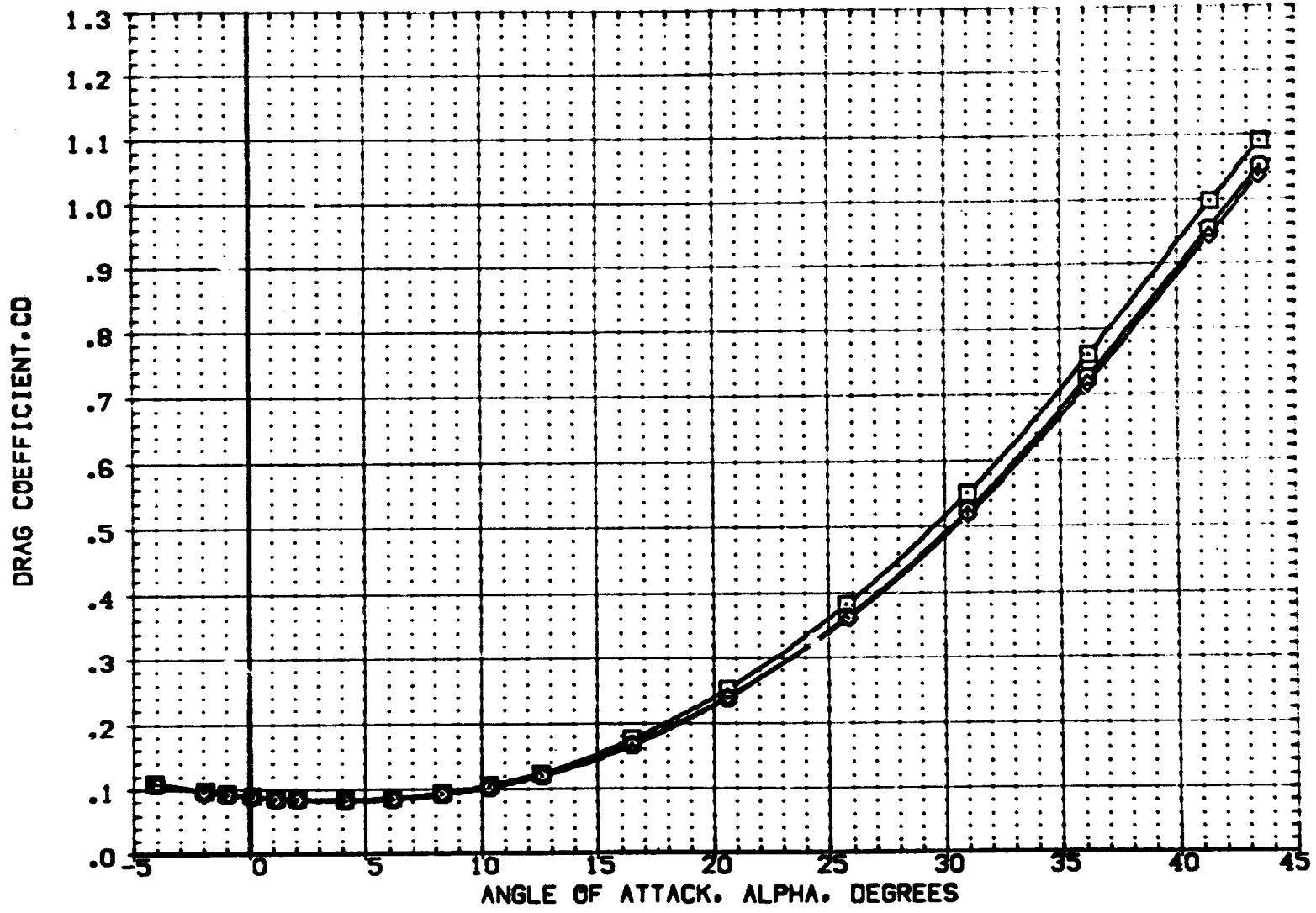


BODY FLAP DEFLECTED -13DB CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE23)	□	0A44 UPVT 1035 CONF4	81SC7E23F3W4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	81SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	81SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

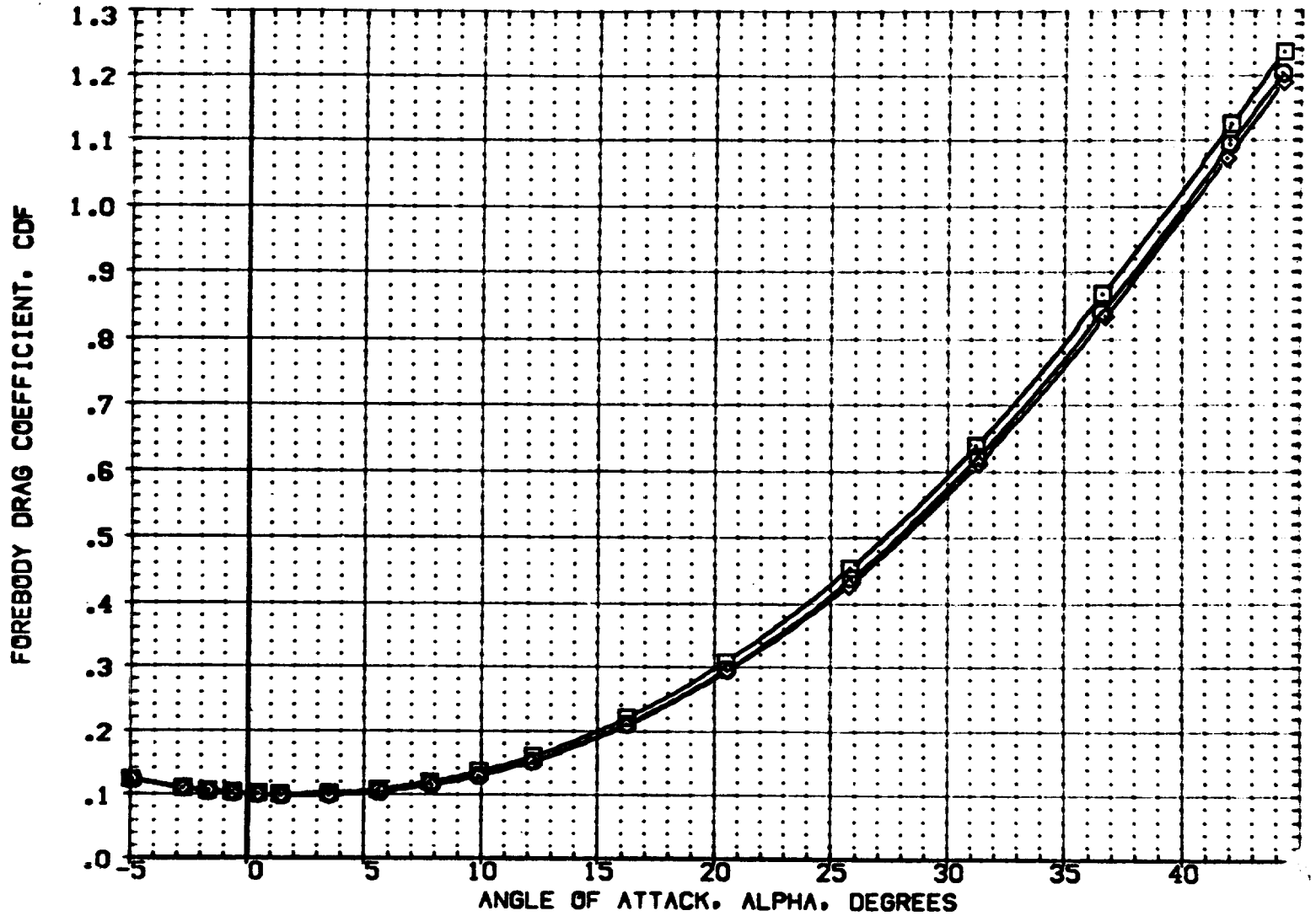


BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0010	INCHES
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SCALE	.0...	SCALE

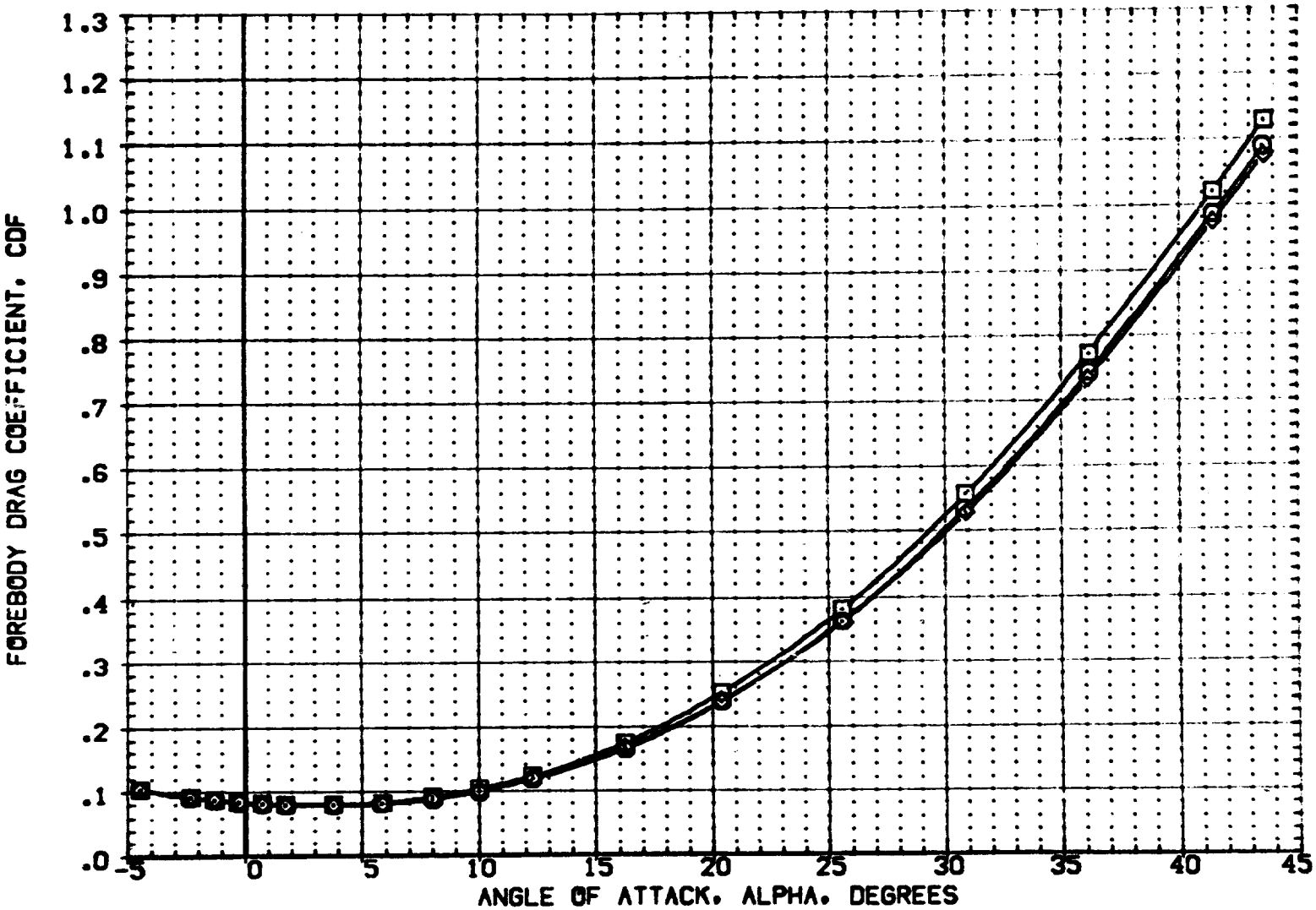


BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

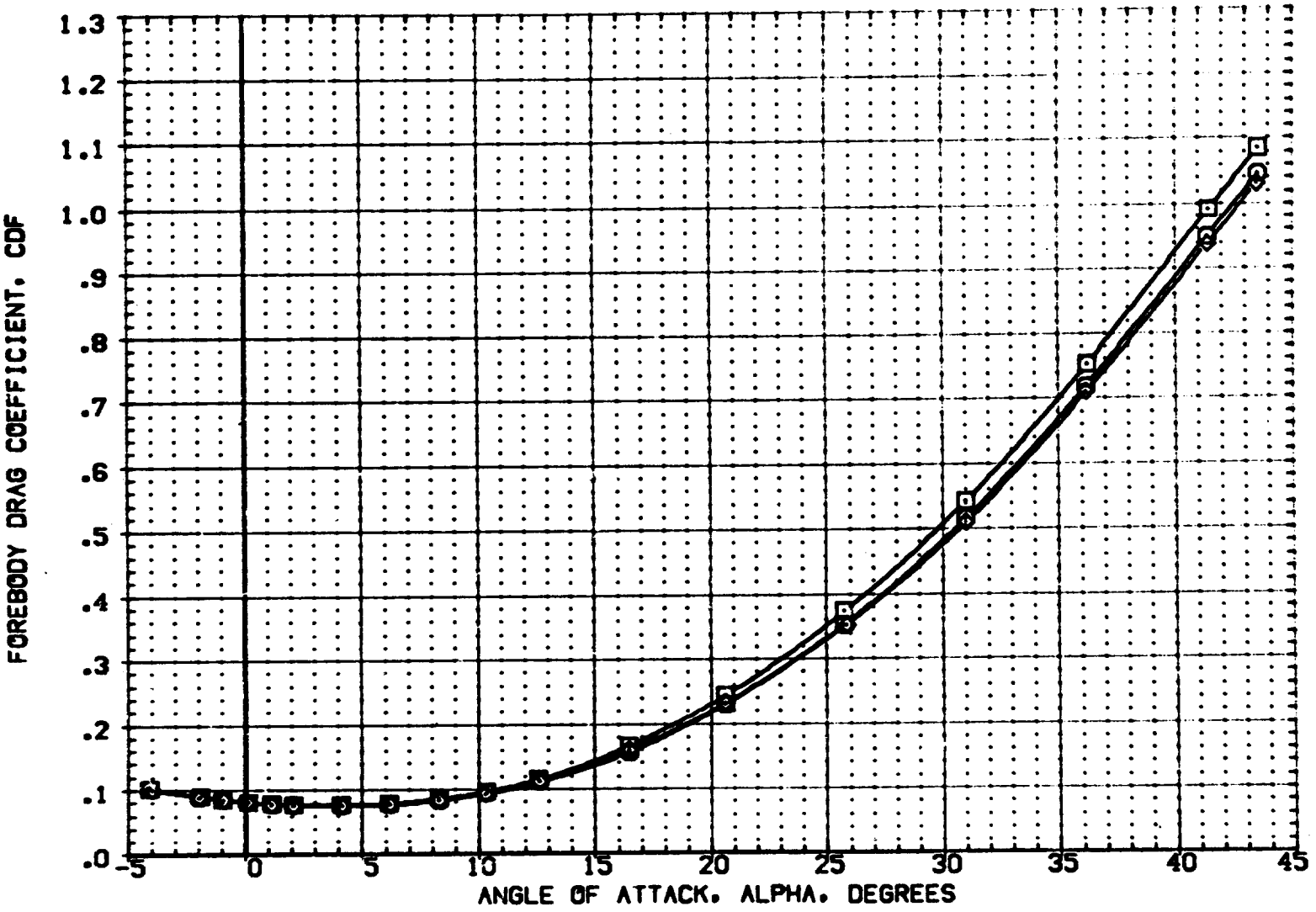


BODY FLAP DEFLECTED -13.8 CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



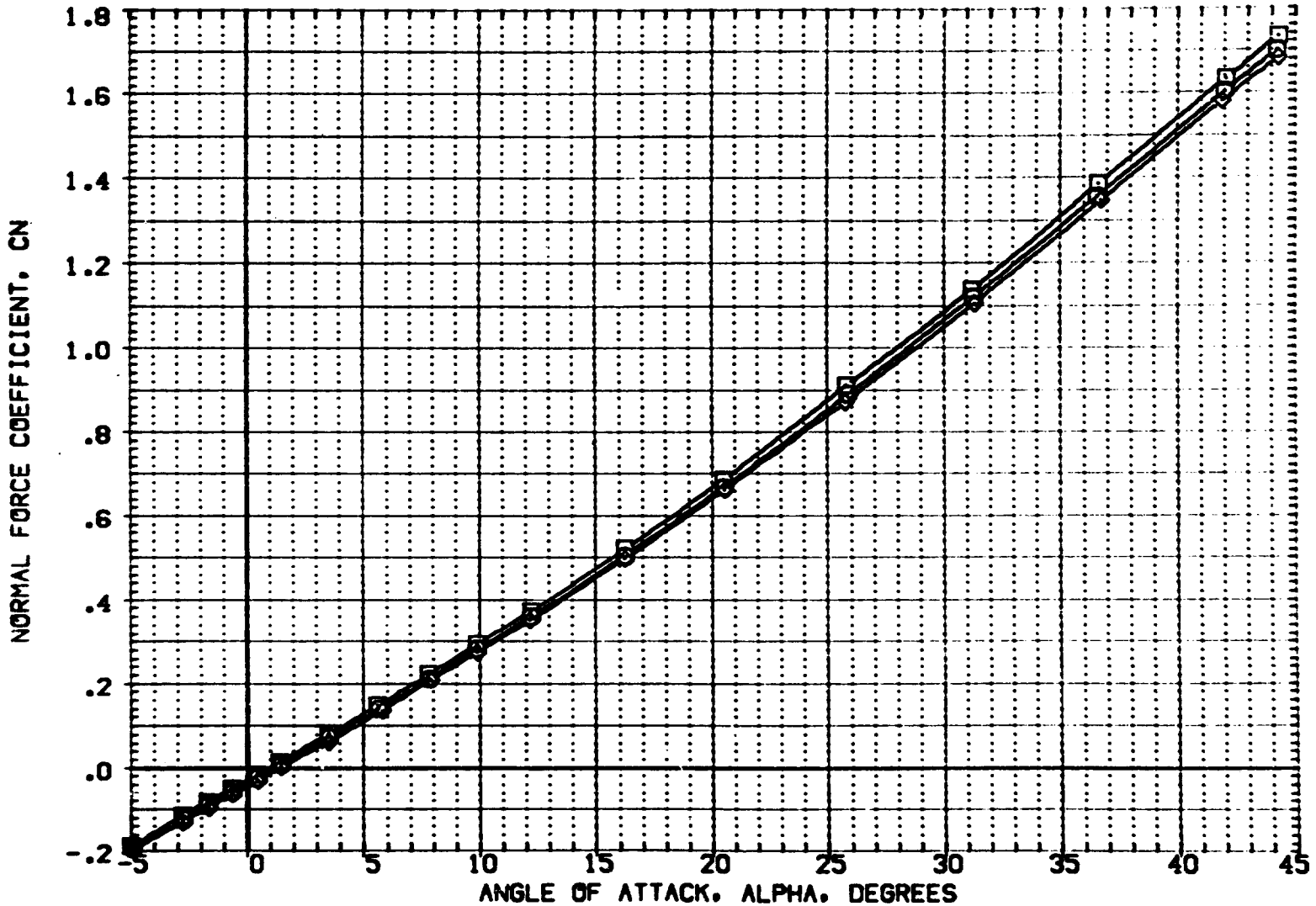
BODY FLAP DEFLECTED -13.8 CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE23)	○	9A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	9A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	9A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

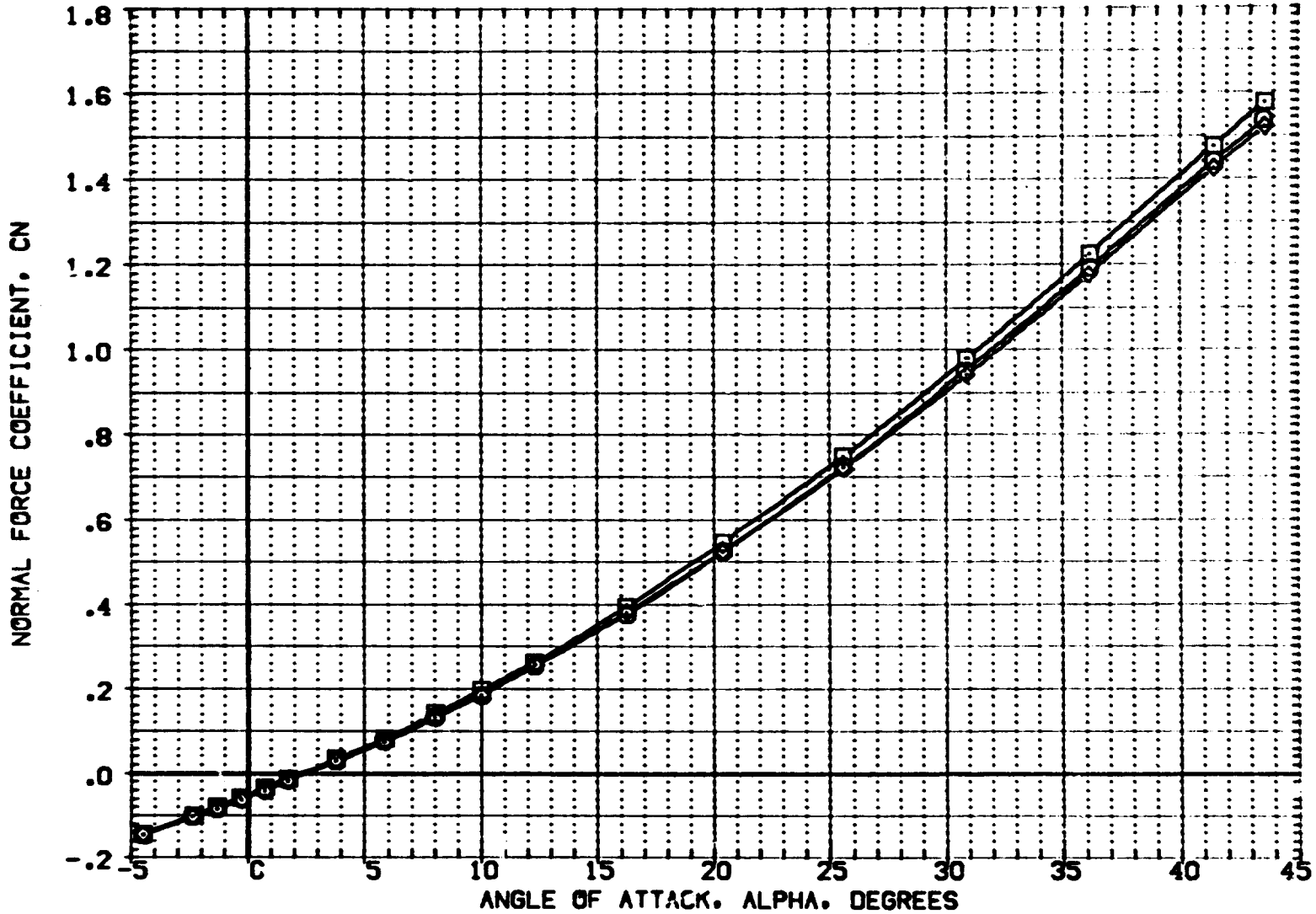


BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	19.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

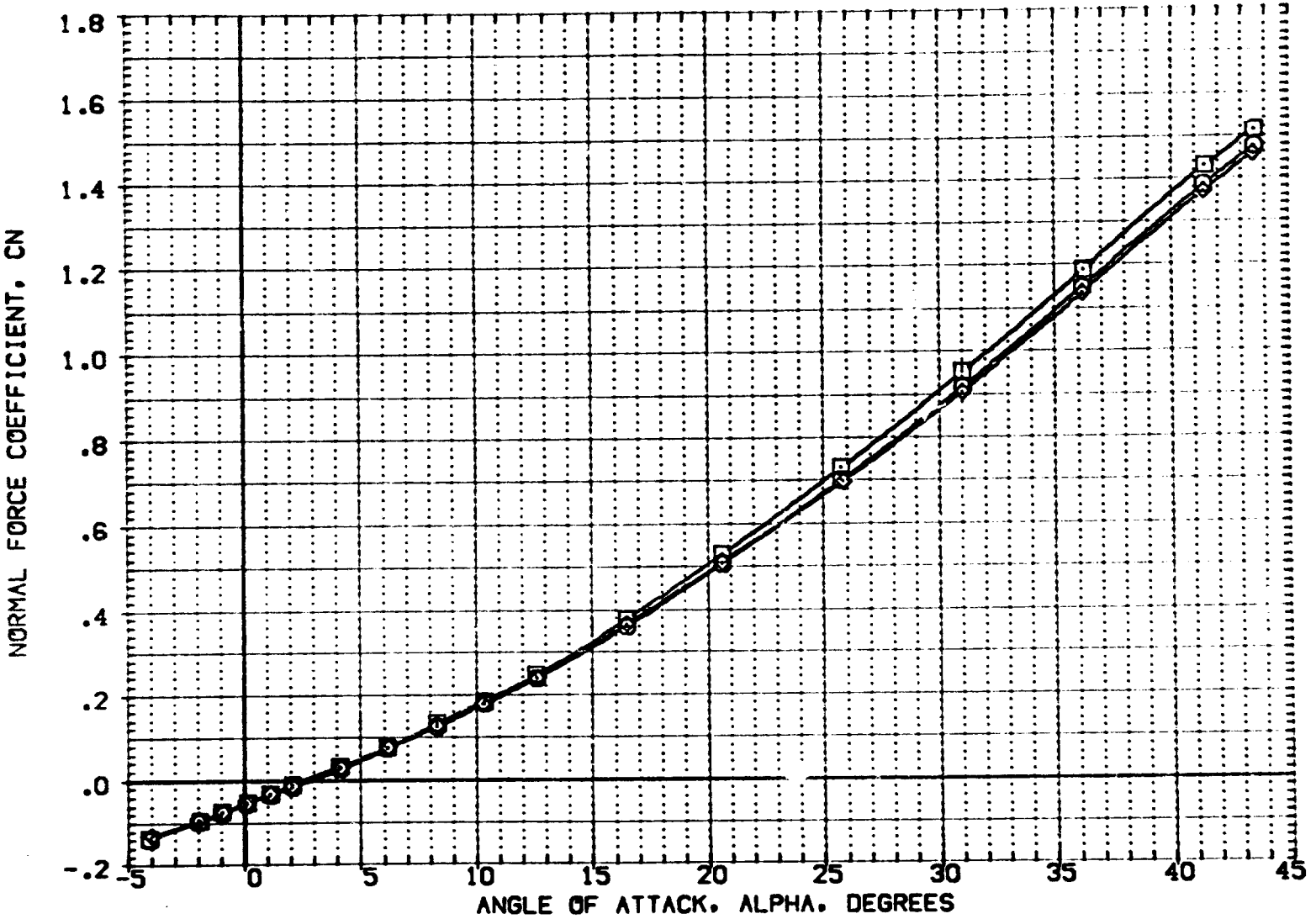


BODY FLAP DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNE23)	▭	0A44 UPWT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	▭	0A44 UPWT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPWT 1035 CONF4	B1SC7E23F5M4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

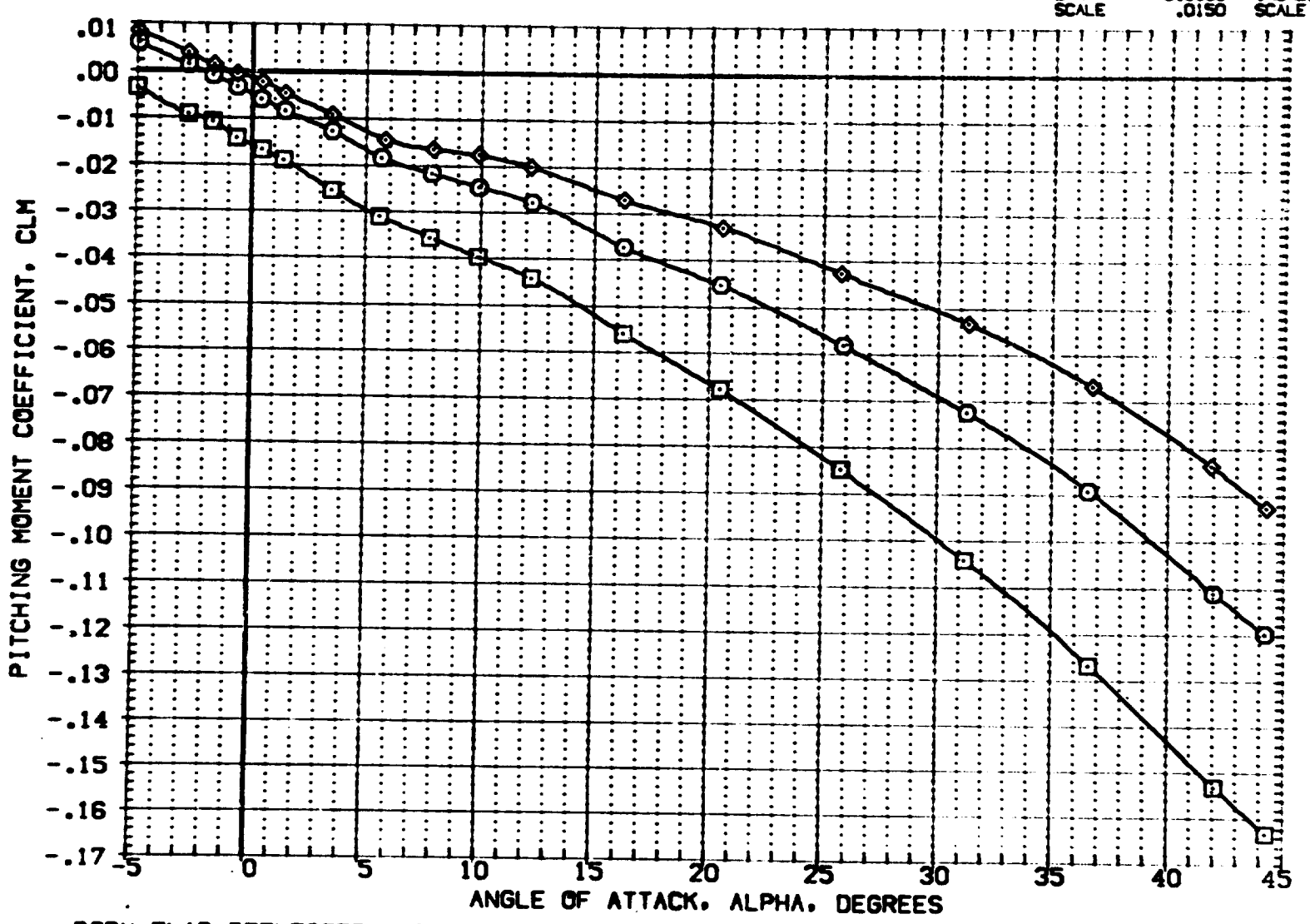


BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		EL TR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

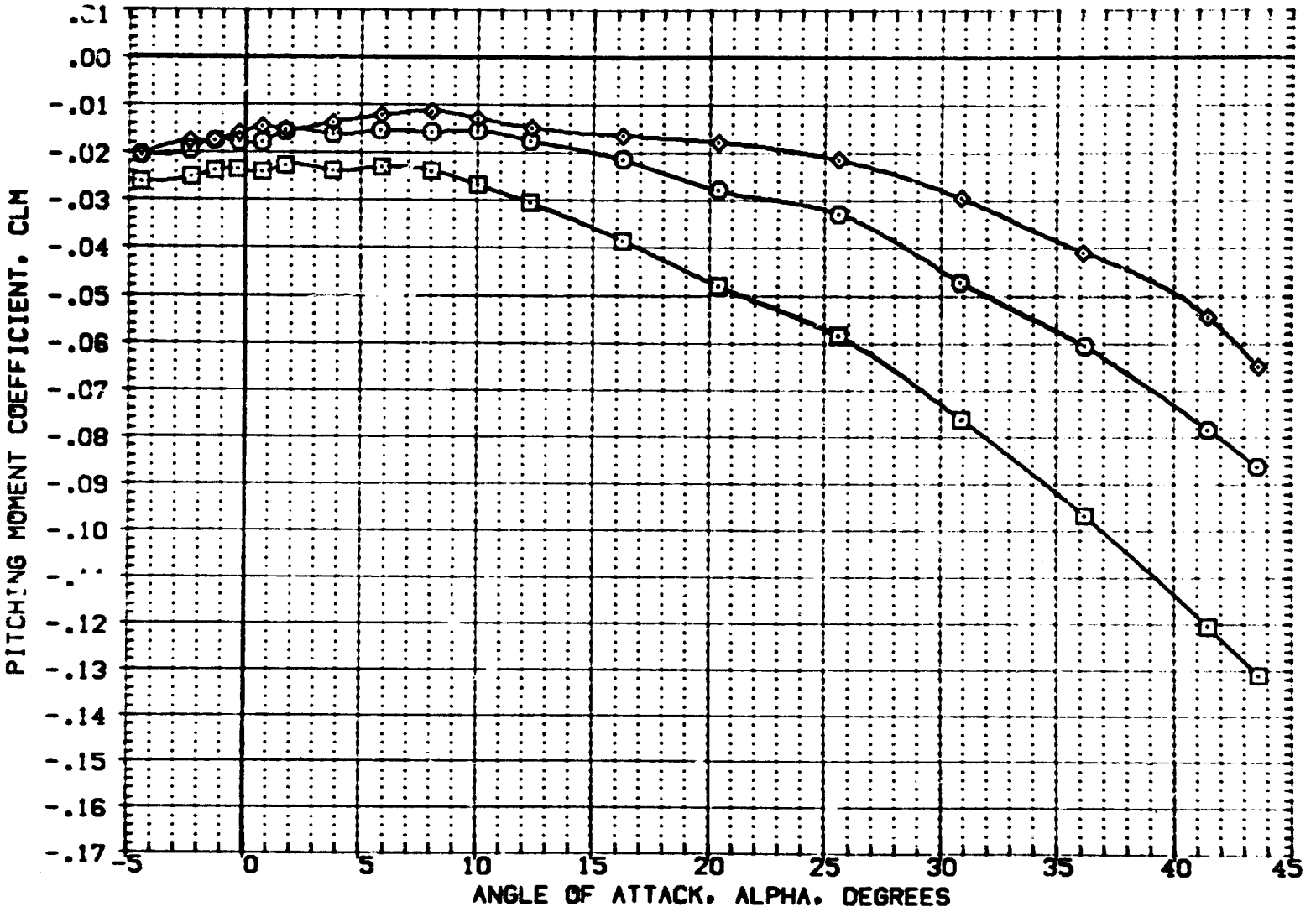


BODY FLAP DEFLECTED -13.98 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

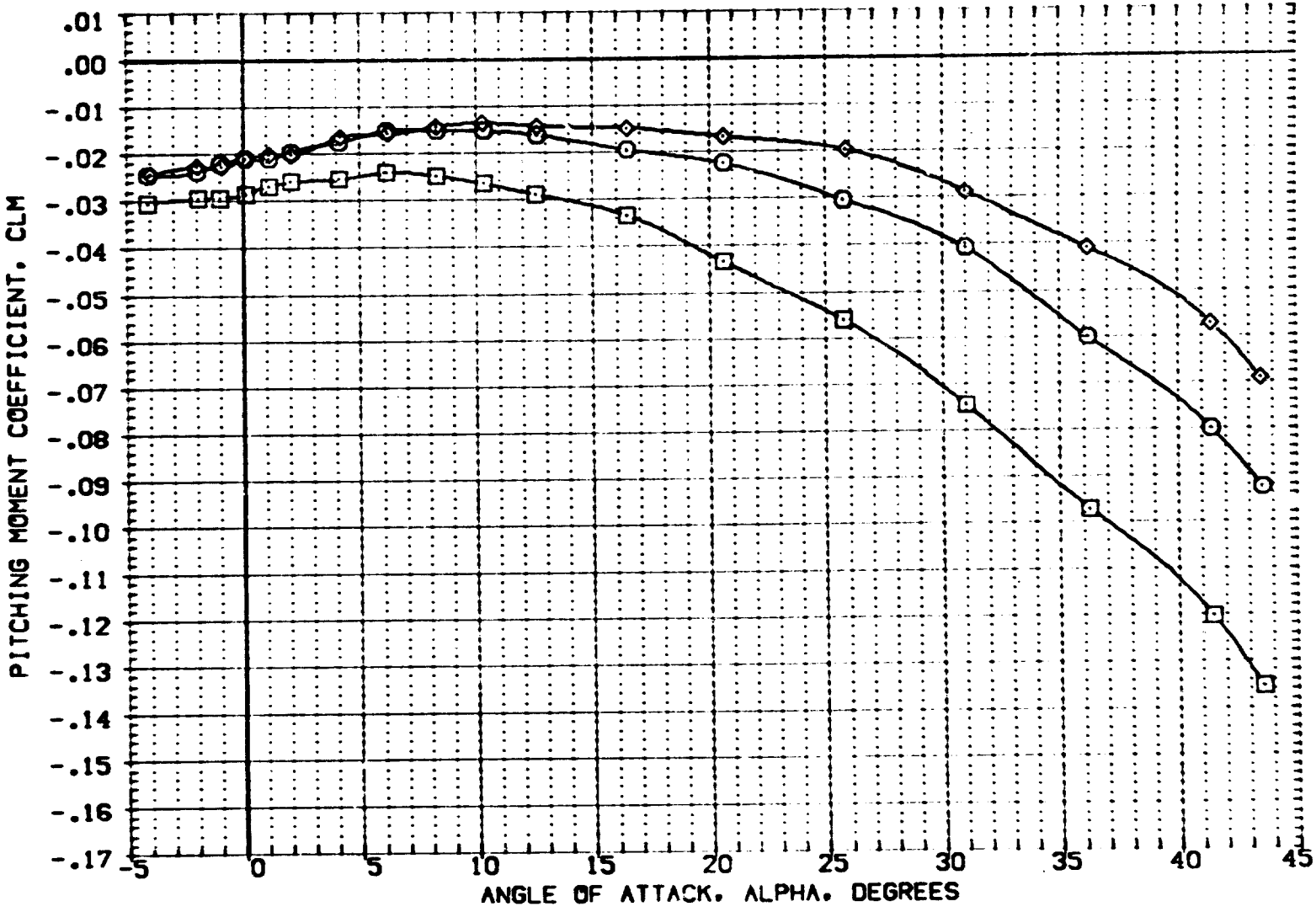


BODY FLAP DEFLECTED -13.9B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	□	OA44 UPWT 1035 CONF4	B19C7E23F5M4R5V7W107X16	.000	.000	54.920	.000
(RPNE22)	◁□	OA44 UPWT 1035 CONF4	B19C7E23F5M4R5V7W107X16	.000	13.750	54.920	.000
(RPNE19)	◇	OA44 UPWT 1035 CONF4	B19C7E23F5M4R5V7W107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ. IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



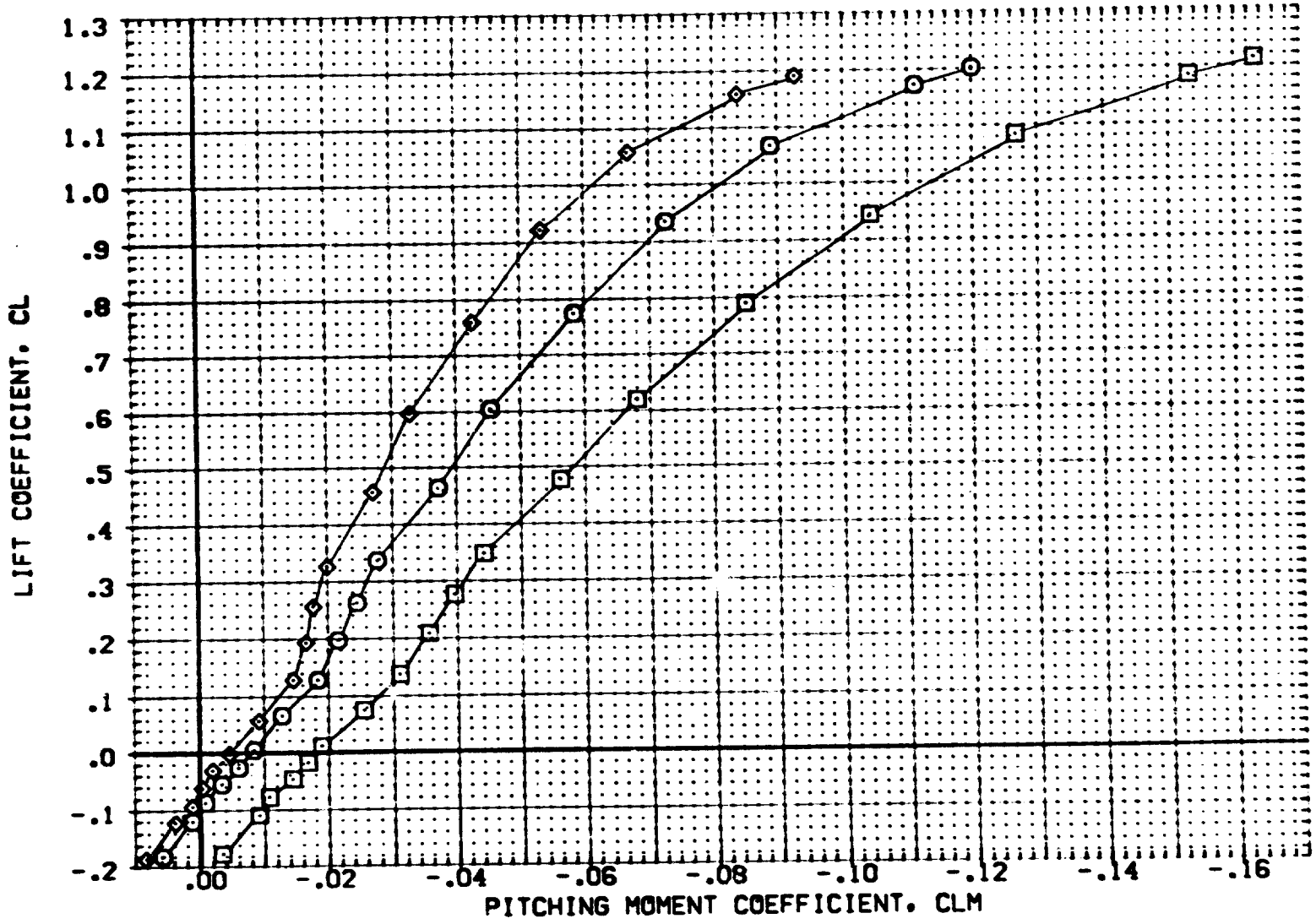
BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE23)	□	0A44 UPWT 1035 CONF4	B:9C7E23F5M4R5V7W107X16	.000	.000	54.920	.000
(RPNE22)	△	0A44 UPWT 1035 CONF4	B:9C7E23F5M4R5V7W107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPWT 1035 CONF4	B:9C7E23F5M4R5V7W107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

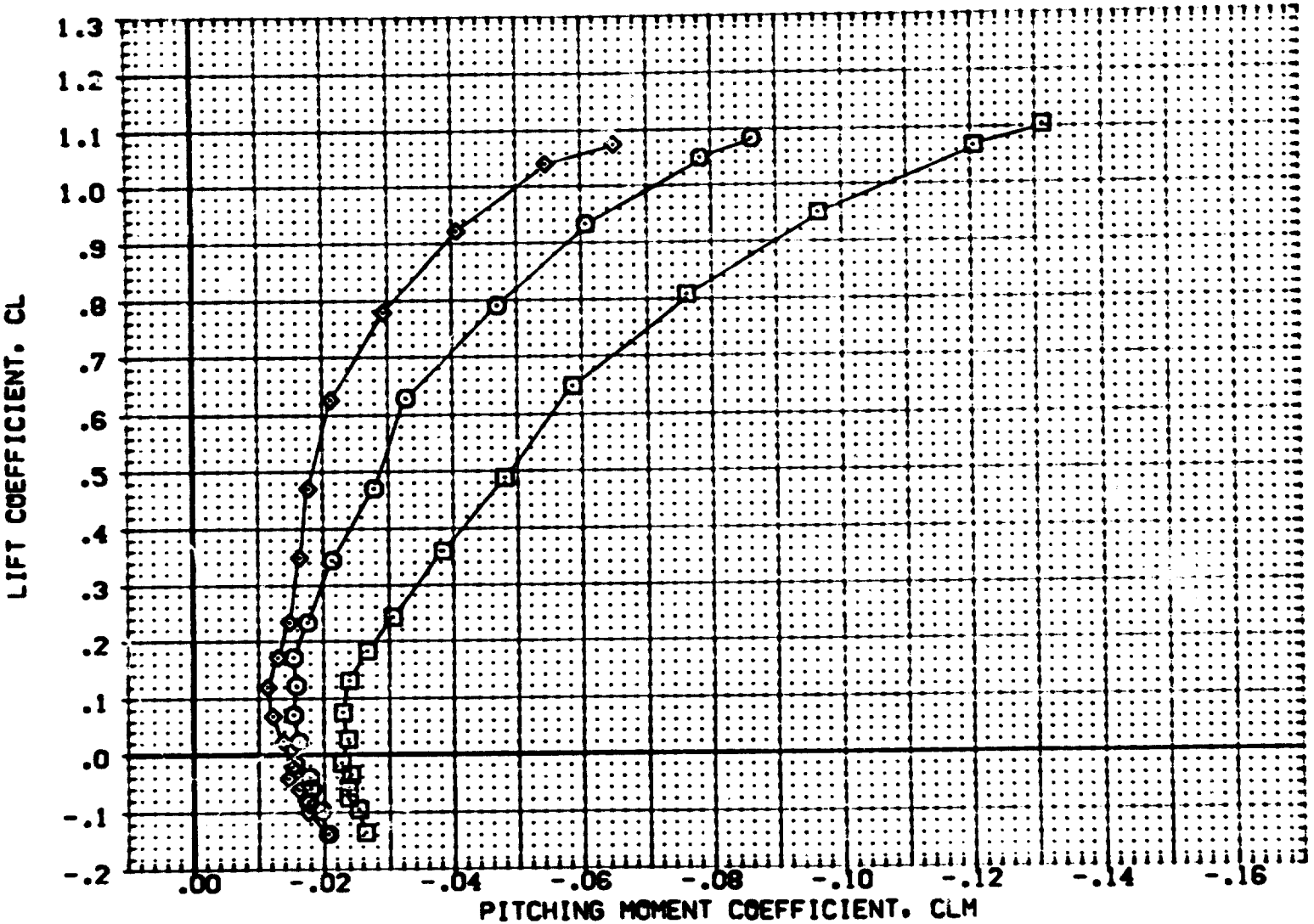


BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

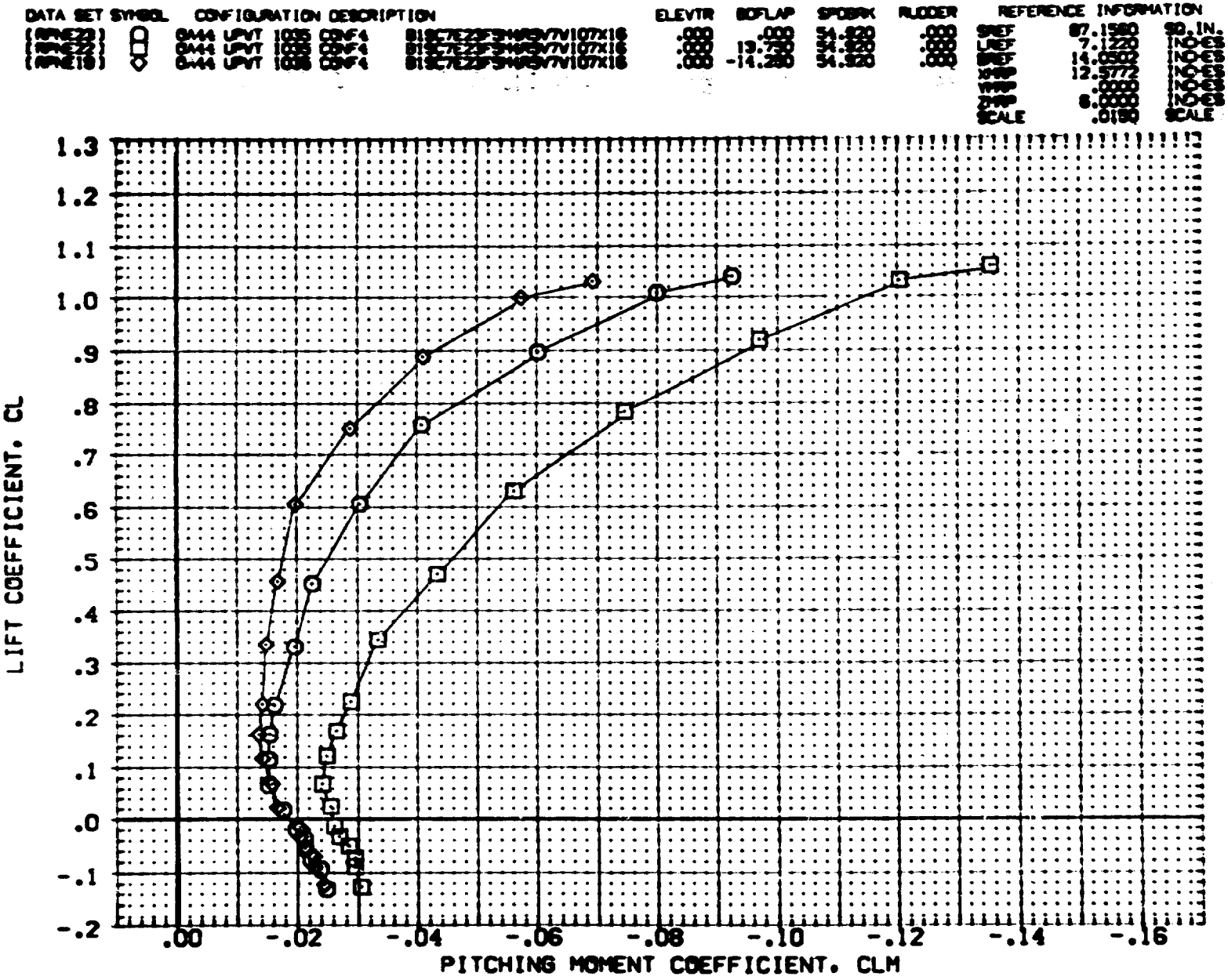
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE20]	□	BA44 LPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	.000	54.920	.000
[RPNE22]	⊡	BA44 LPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
[RPNE19]	◇	BA44 LPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -13.98 CONFIG

(B)MACH = 3.90

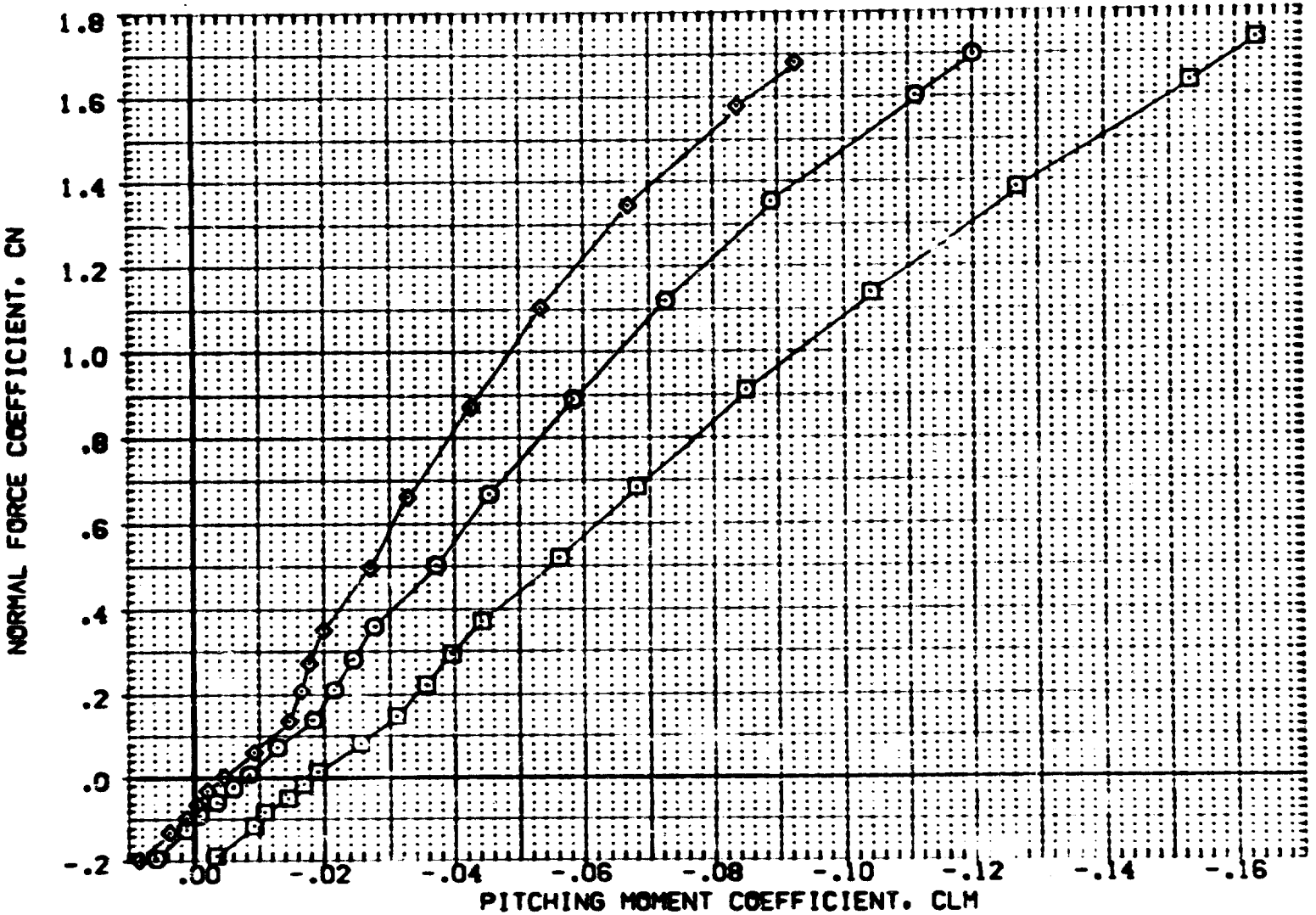


BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNC23)	□	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	.000	54.820	.000
(RPNC22)	◇	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	13.750	54.820	.000
(RPNC18)	◇	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



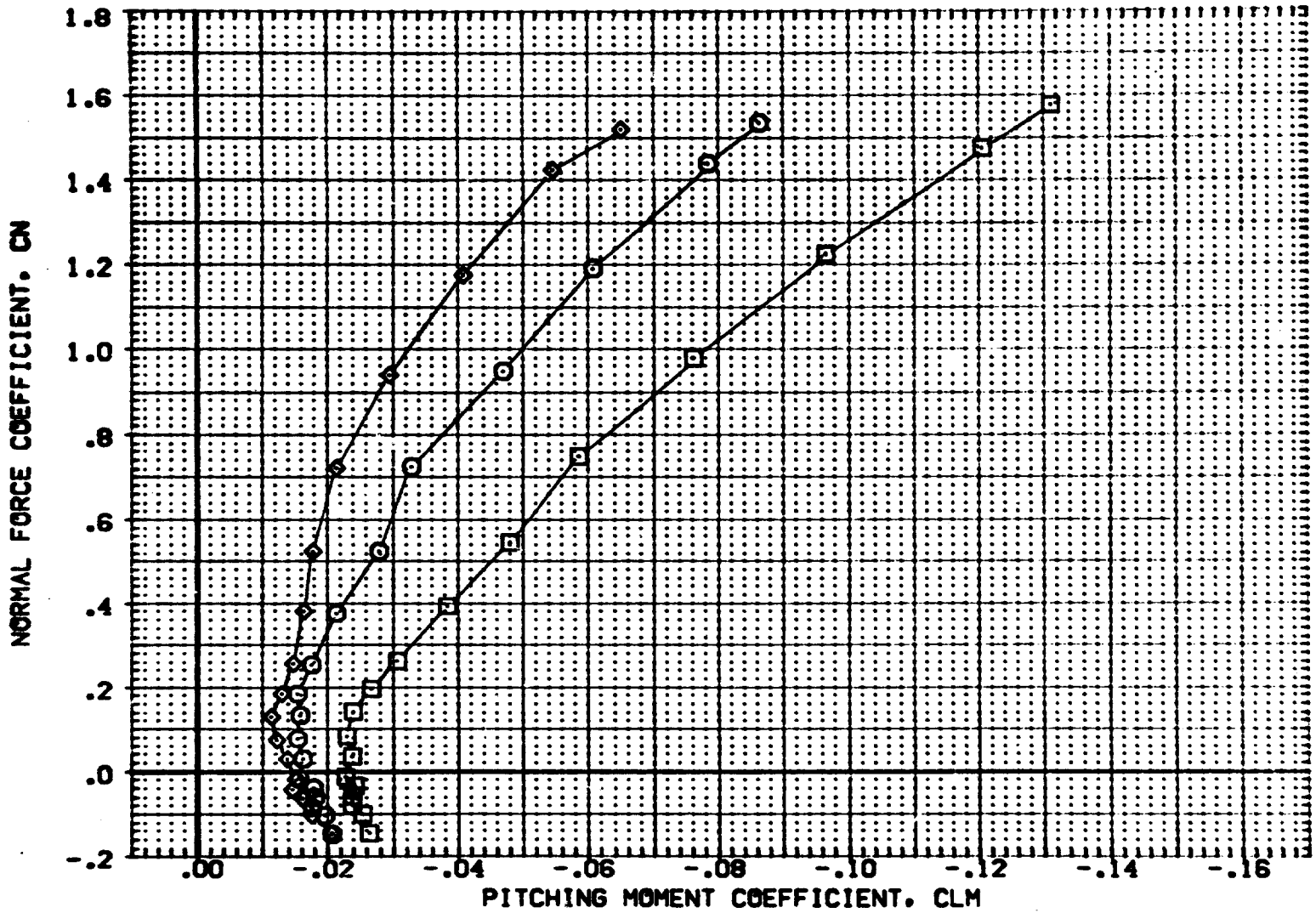
BODY FLAP DEFLECTED -139B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(BFNE23)	○	BW44 UPVT 1005 CONF4	.000	.000	54.000	.000
(BFNE28)	□	BW44 UPVT 1005 CONF4	.000	-13.980	54.000	.000
(BFNE19)	◇	BW44 UPVT 1005 CONF4	.000	-14.258	54.000	.000

REFERENCE INFORMATION

SREF	87.1980	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

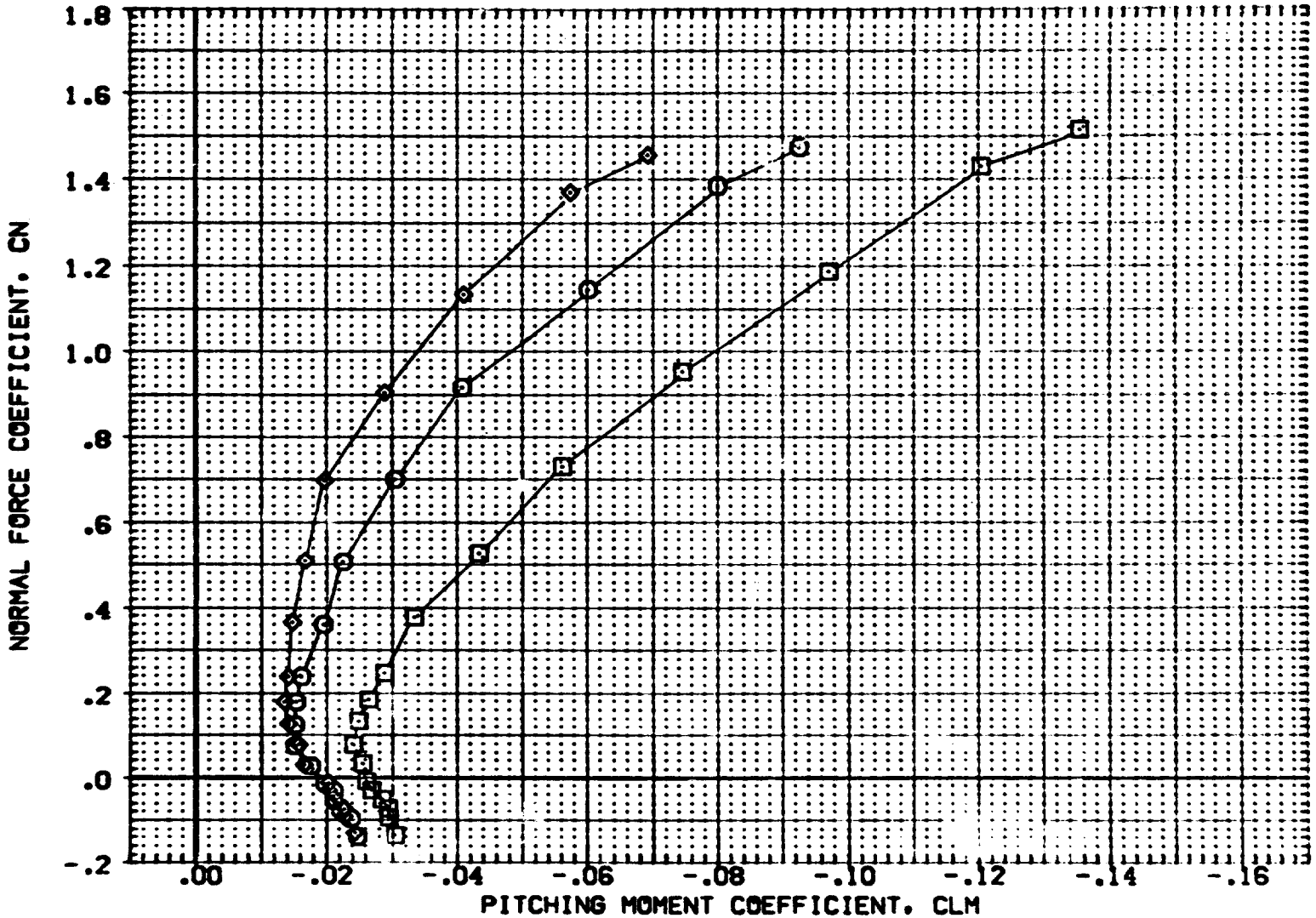


BODY FLAP DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION			ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16		.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16		.000	19.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16		.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



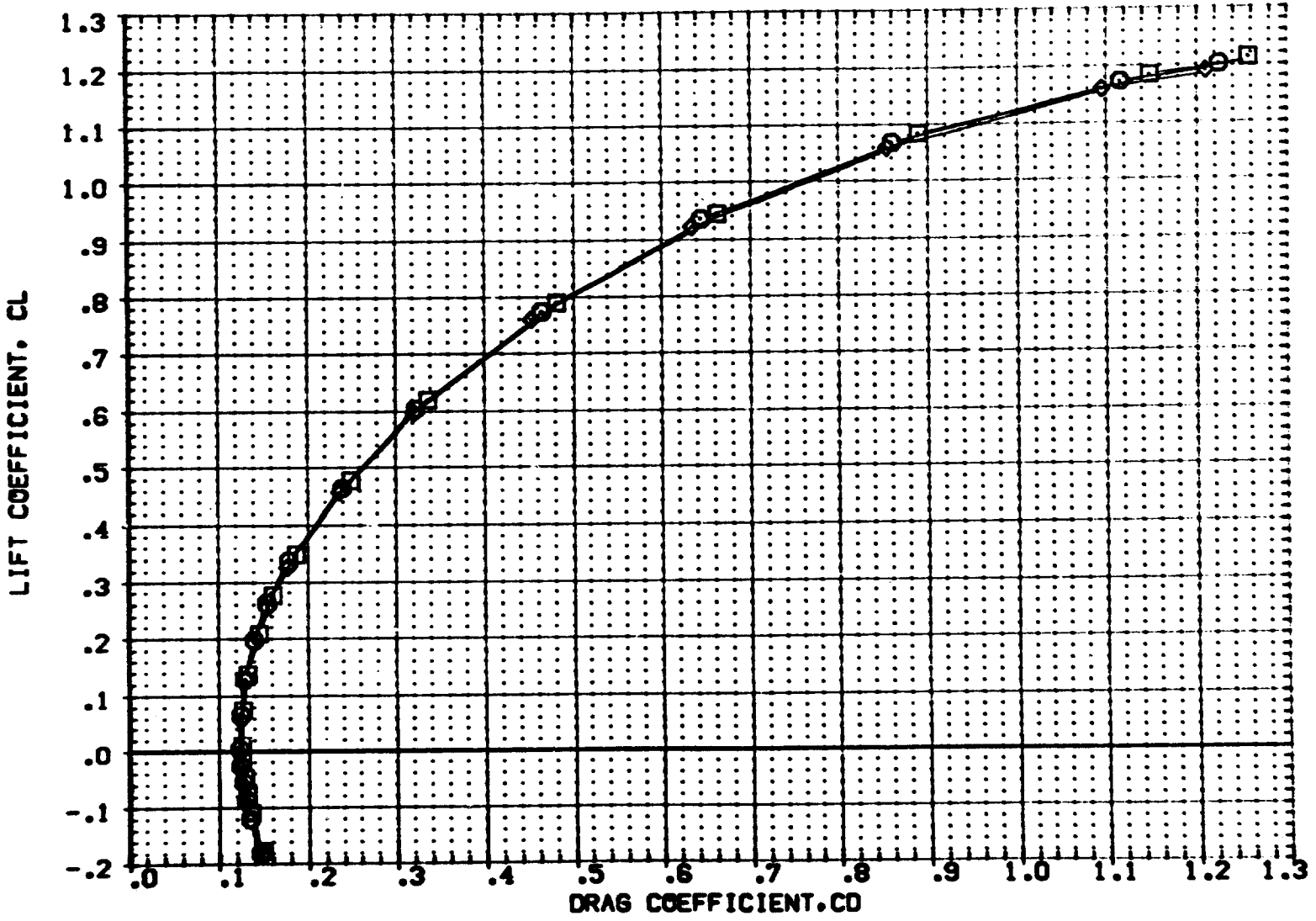
BODY FLAP DEFLECTED -13.98 CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNE23)	○	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

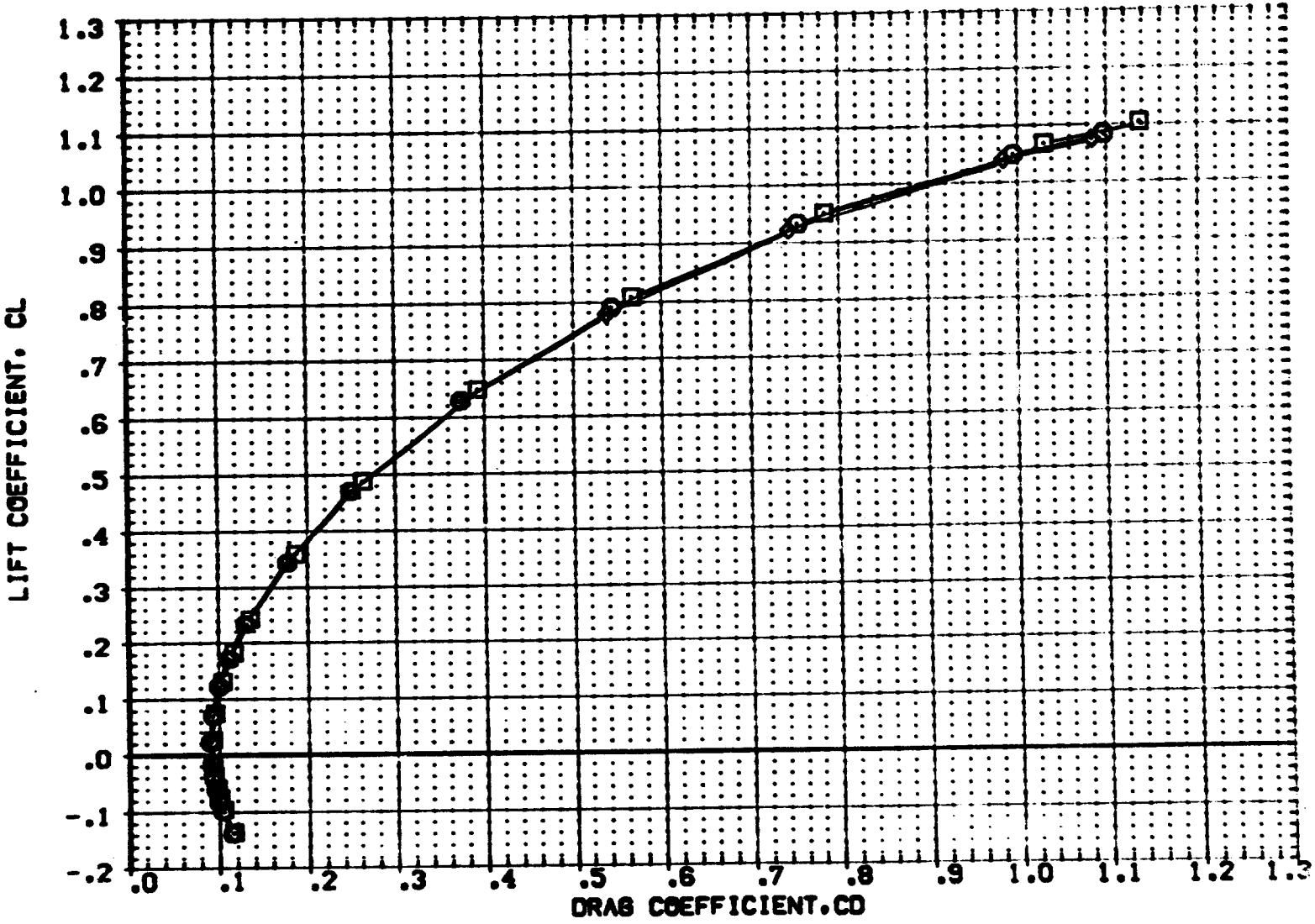


BODY FLAP DEFLECTED -13DB CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RFNE23)	○	0444 UPVT 1035 CONF4 B1SC7E23F3H4R5V7V107X16	.000	.000	54.920	.000
(RFNE22)	□	0444 UPVT 1035 CONF4 B1SC7E23F3H4R5V7V107X16	.000	13.750	54.920	.000
(RFNE19)	◇	0444 UPVT 1035 CONF4 B1SC7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

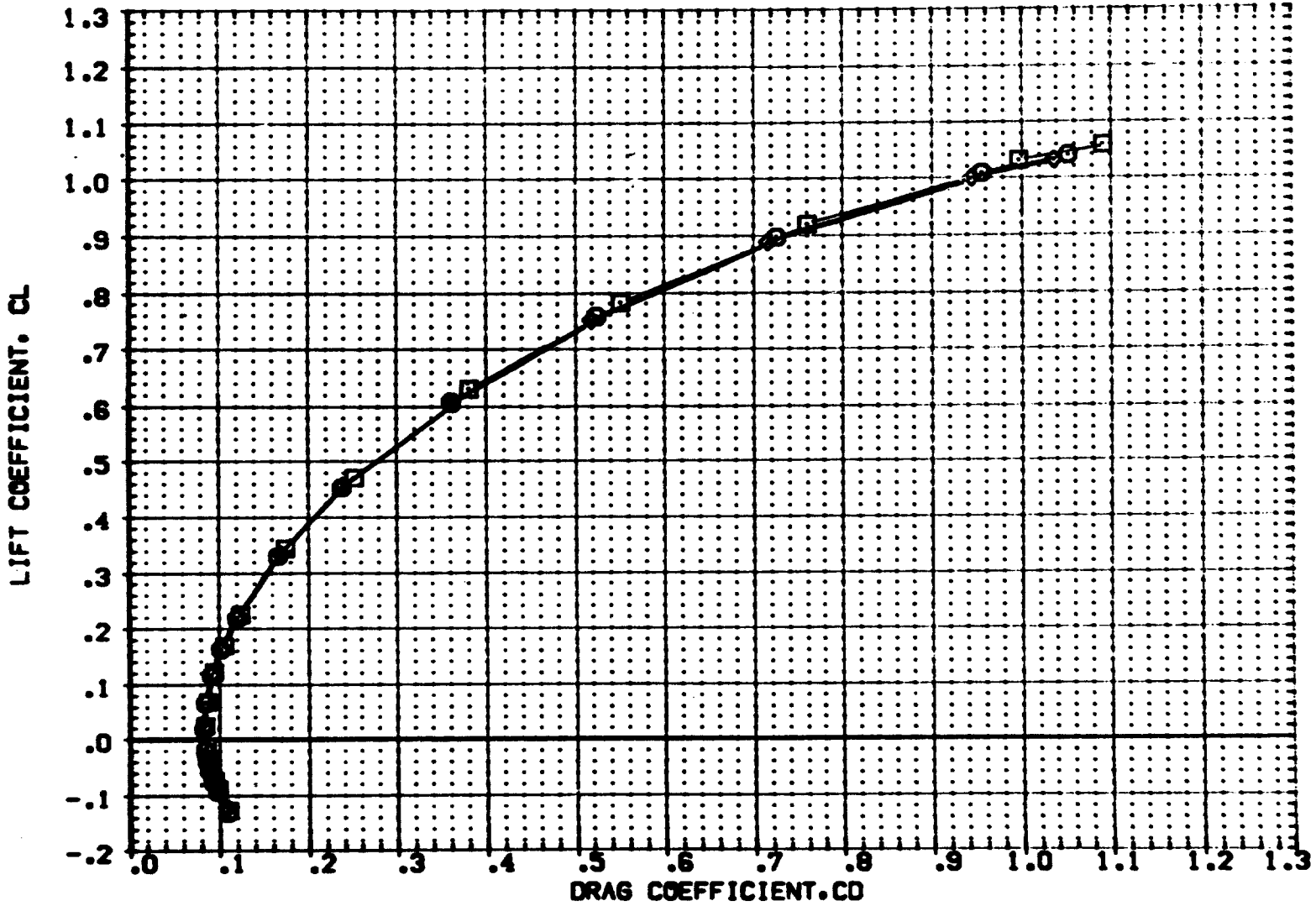


BODY FLAP DEFLECTED -1398 CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE20)	○	0A44 UPVT 1035 CONF4 B1SC7E22F3H4R5V7V107X16	.000	.000	54.920	.000
(RPNE22)	□	0A44 UPVT 1035 CONF4 B1SC7E22F3H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE19)	◇	0A44 UPVT 1035 CONF4 B1SC7E22F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

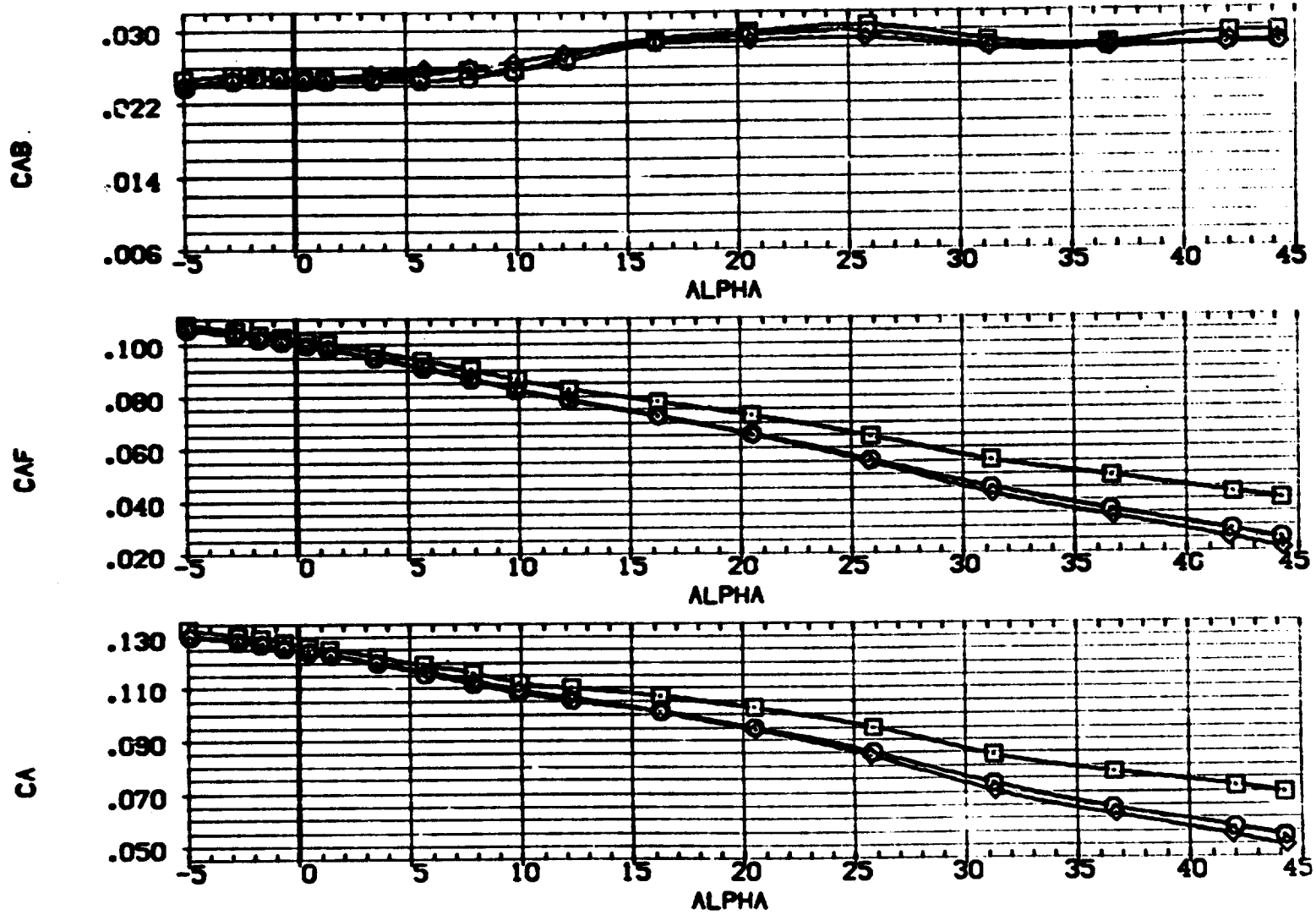


BODY FLAP DEFLECTED -13.9B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RNP23] □	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	.000	54.920	.000
[RNP22] ○	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	19.750	54.920	.000
[RNP19] ◇	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0562	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

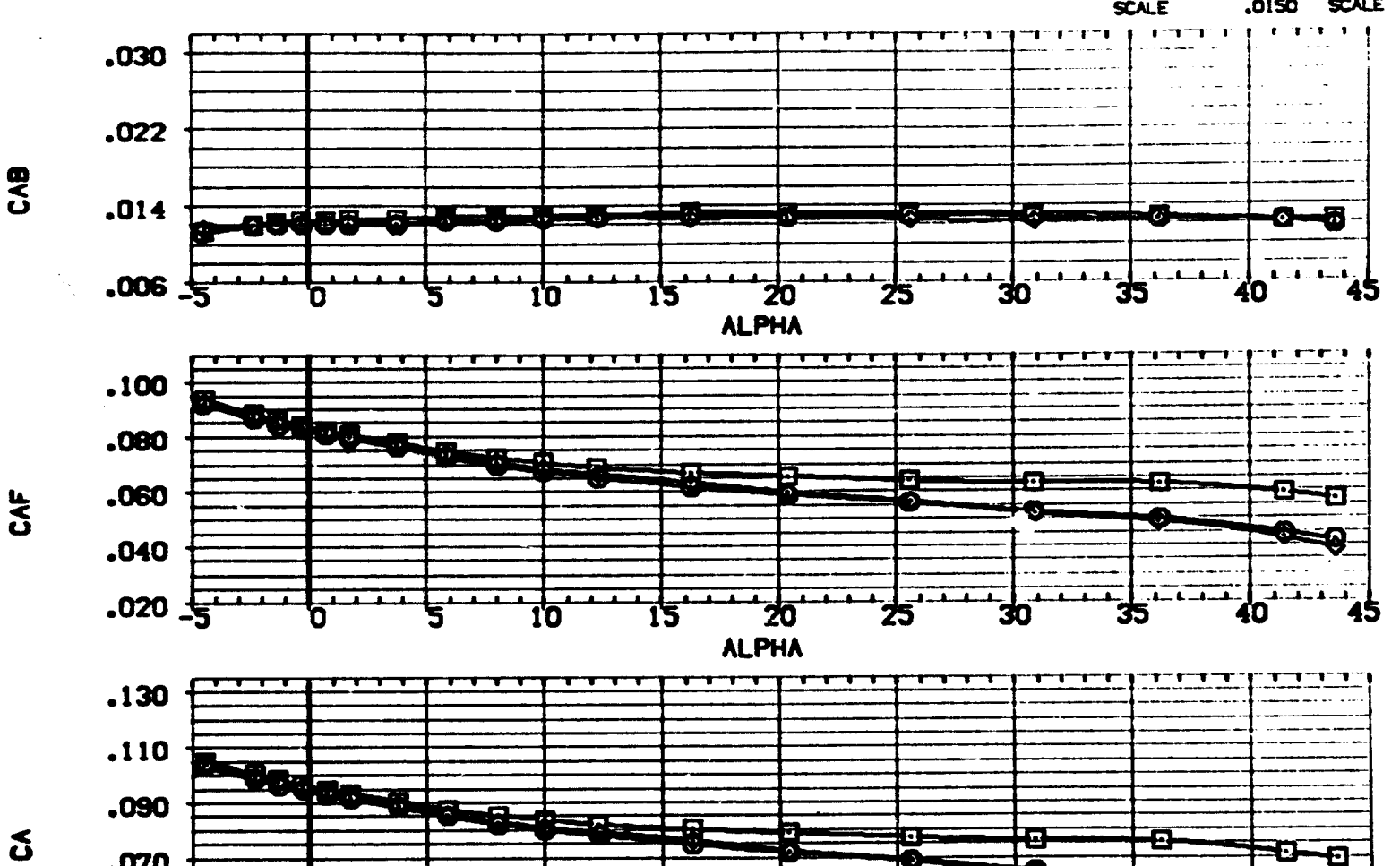


BODY FLAP DEFLECTED -1398 CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPNP23)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNP22)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNP19)	0A44 UPVT 1035 CONF4	B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



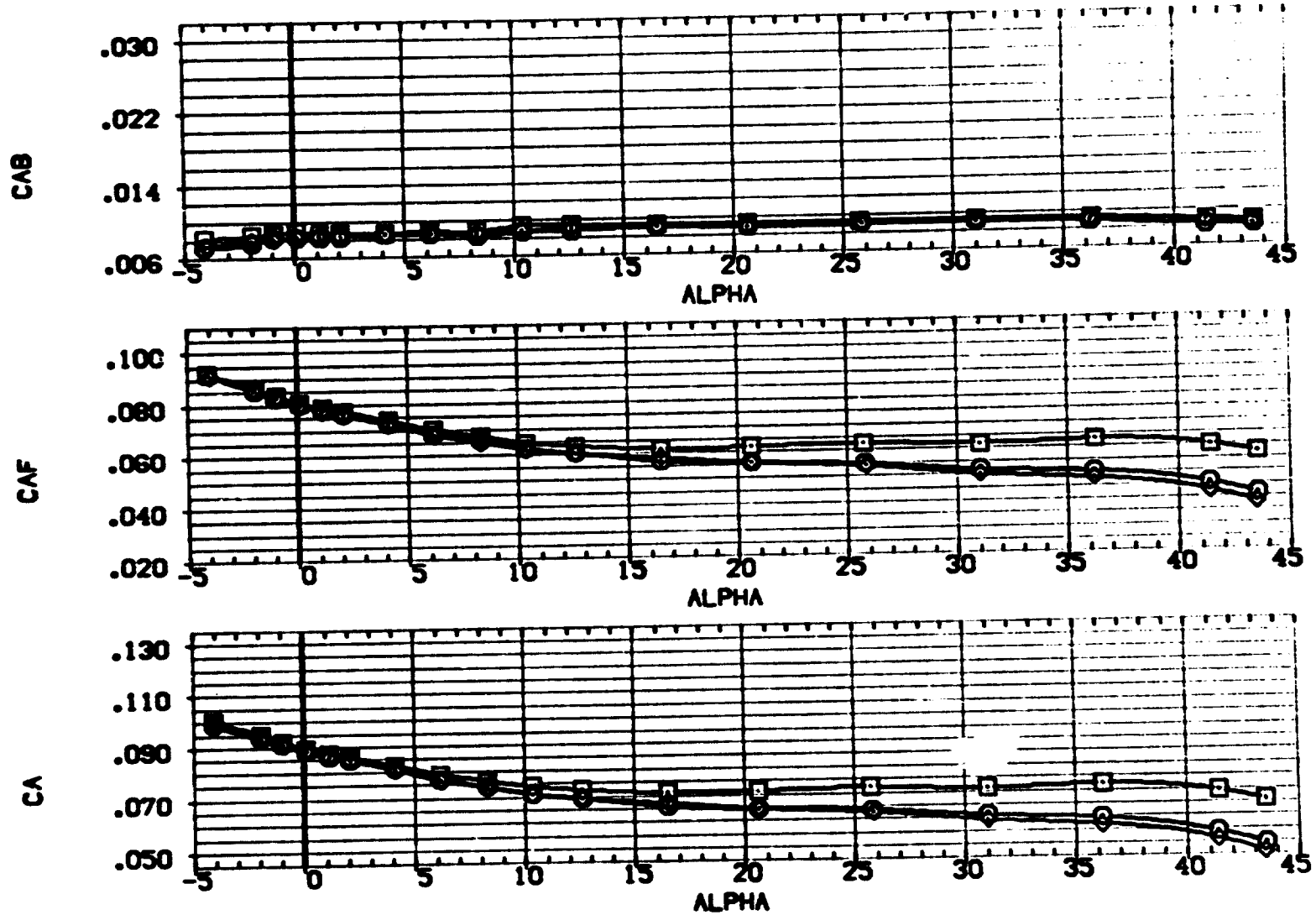
BODY FLAP DEFLECTED -139B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPKP23)	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	.000	54.920	.000
(RPKP22)	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	13.750	54.920	.000
(RPKP19)	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

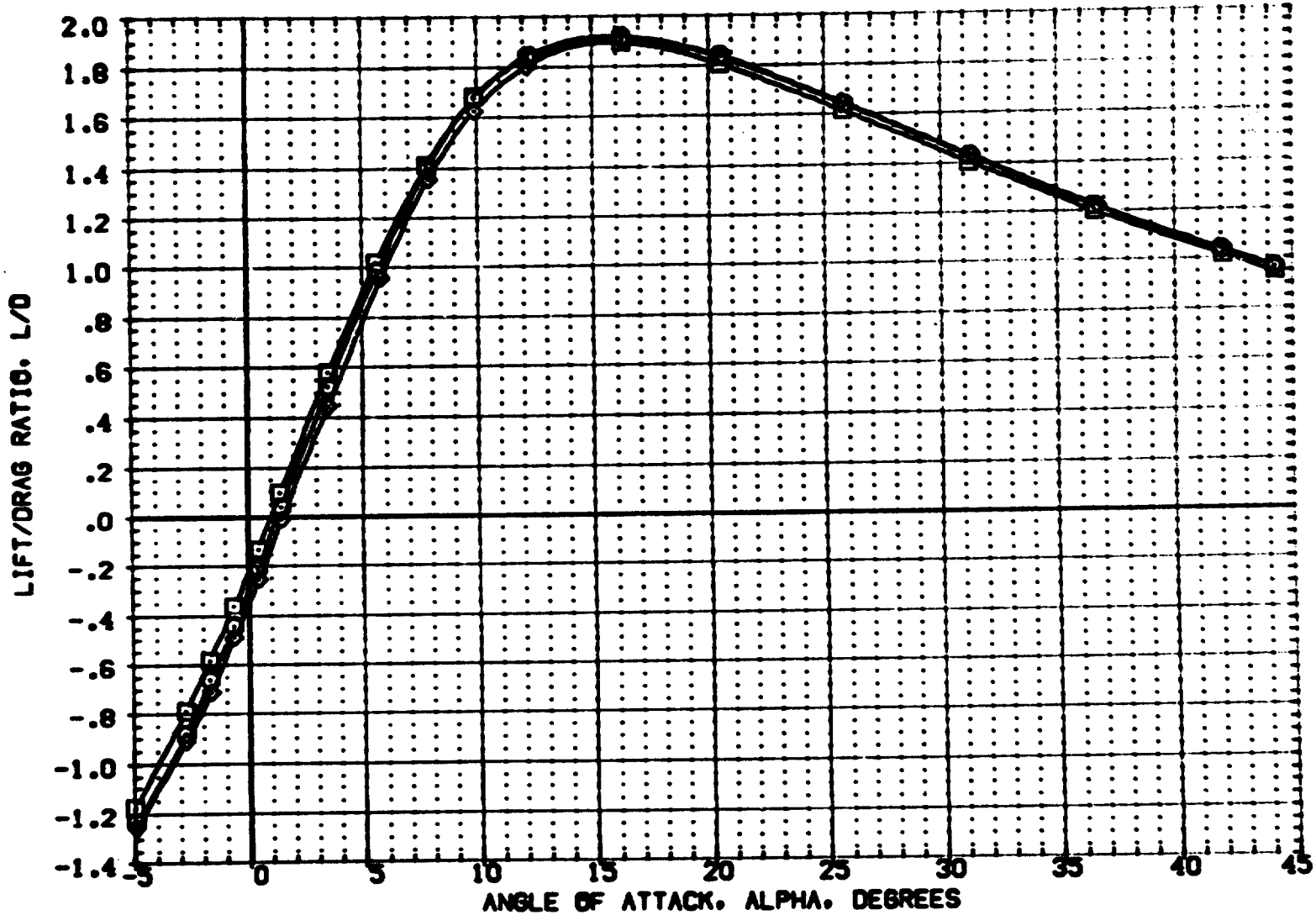


BODY FLAP DEFLECTED -13.9B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP23)	○	0A44 UPVT 1005 CONF4 B1SC7E23F3H4R3V7V107X16	.000	.000	54.820	.000
(RPNP22)	□	0A44 UPVT 1005 CONF4 B1SC7E23F3H4R3V7V107X16	.000	13.750	54.820	.000
(RPNP18)	◇	0A44 UPVT 1005 CONF4 B1SC7E23F3H4R3V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.9772	INCHES
YMRP	.0000	INCHES
ZMRP	8.0000	INCHES
SCALE	.0150	SCALE



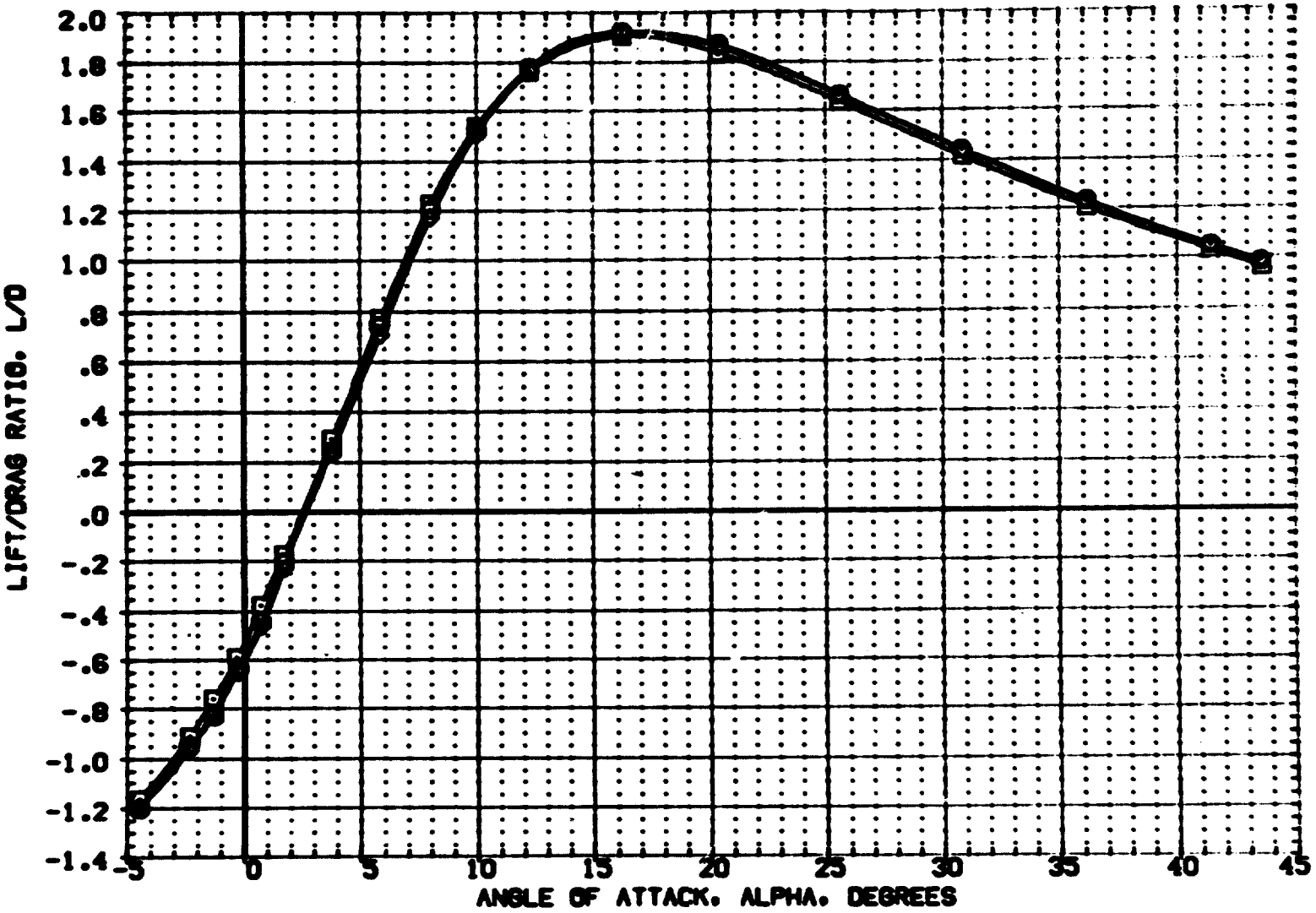
BODY FLAP DEFLECTED -1398 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	○	044 UPVT 1005 CONF4 [illegible]	.000	.000	51.000	.000
[illegible]	□	044 UPVT 1005 CONF4 [illegible]	.000	-13.750	51.000	.000
[illegible]	◇	044 UPVT 1005 CONF4 [illegible]	.000	-14.250	51.000	.000

REFERENCE INFORMATION

SREF	67.1580	SQ.IN.
BREF	7.1220	INCHES
CREF	14.0502	INCHES
X MRP	12.5772	INCHES
Y MRP	.0000	INCHES
Z MRP	6.0000	INCHES
SCALE	.0150	SCALE



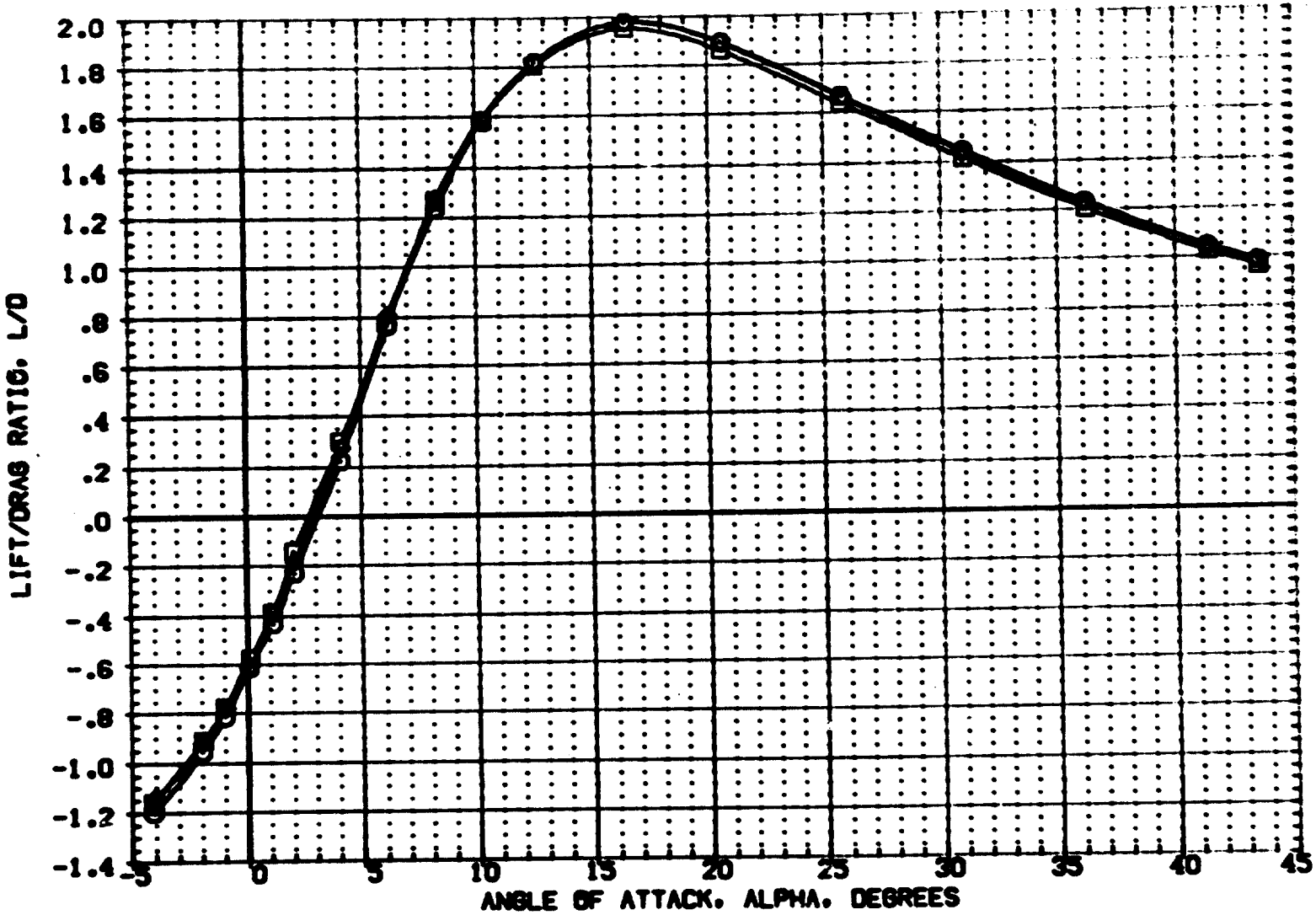
BODY FLAP DEFLECTED -13.9B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNP23)	○	0A44 UPVT 1035 CONF4 B1SC[illegible]3F5H4R5V7V107X16	.000	.000	54.920	.000
(RPNP22)	□	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNP18)	◇	0A44 UPVT 1035 CONF4 B1SC7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

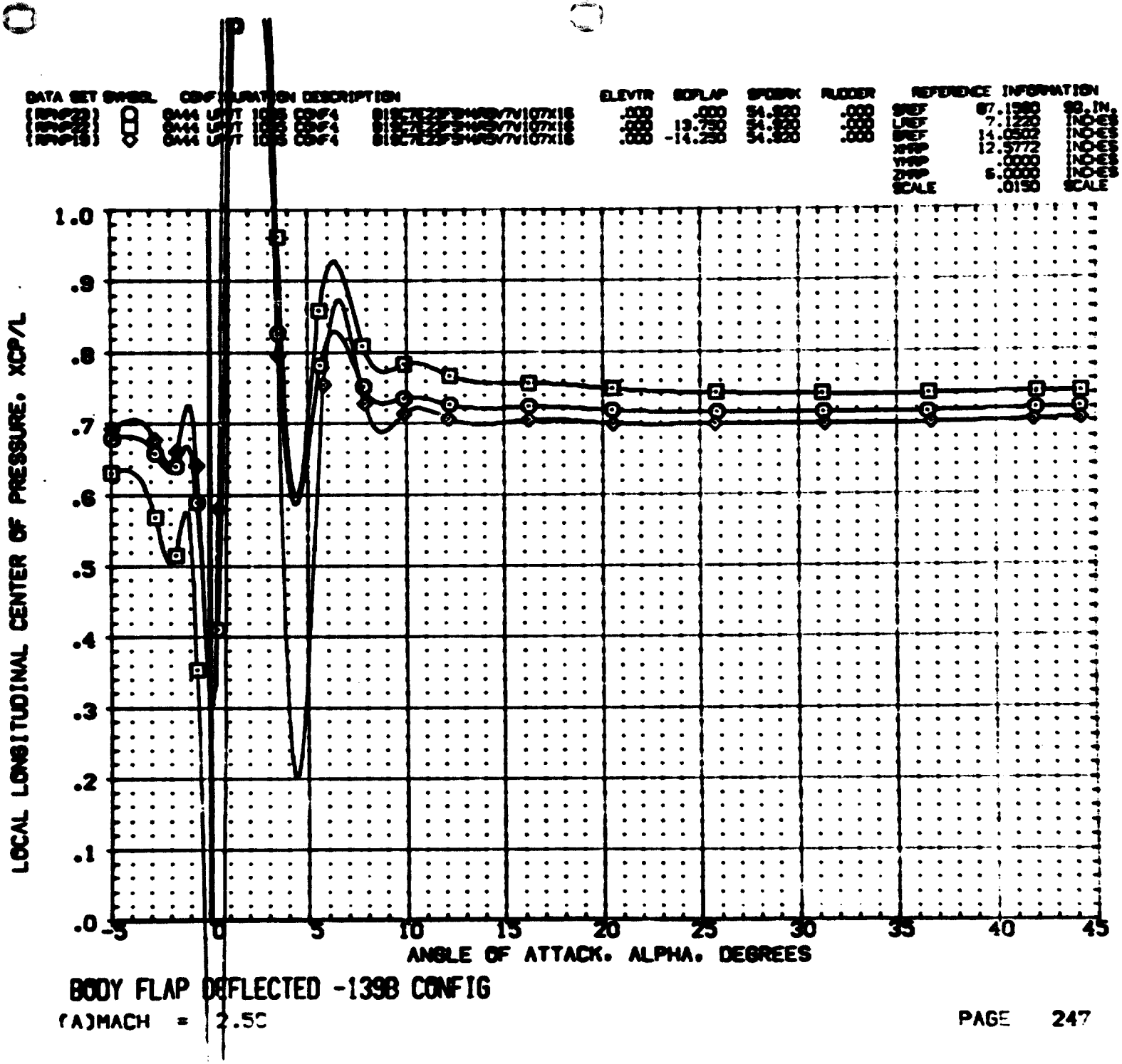
REFERENCE INFORMATION

SREF	87.1550	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



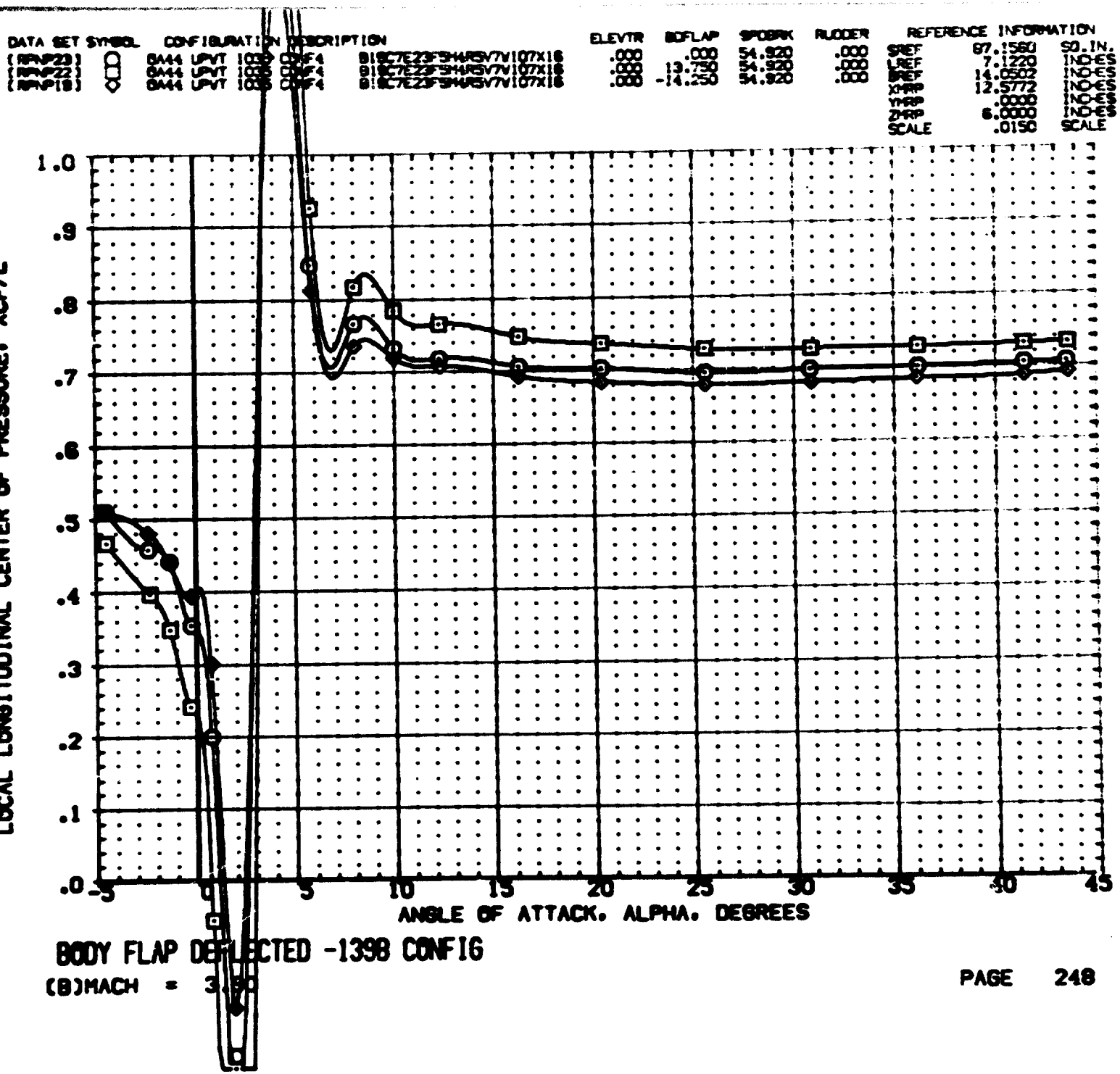
BODY FLAP DEFLECTED -13.9B CONFIG

(C)MACH = 4.60



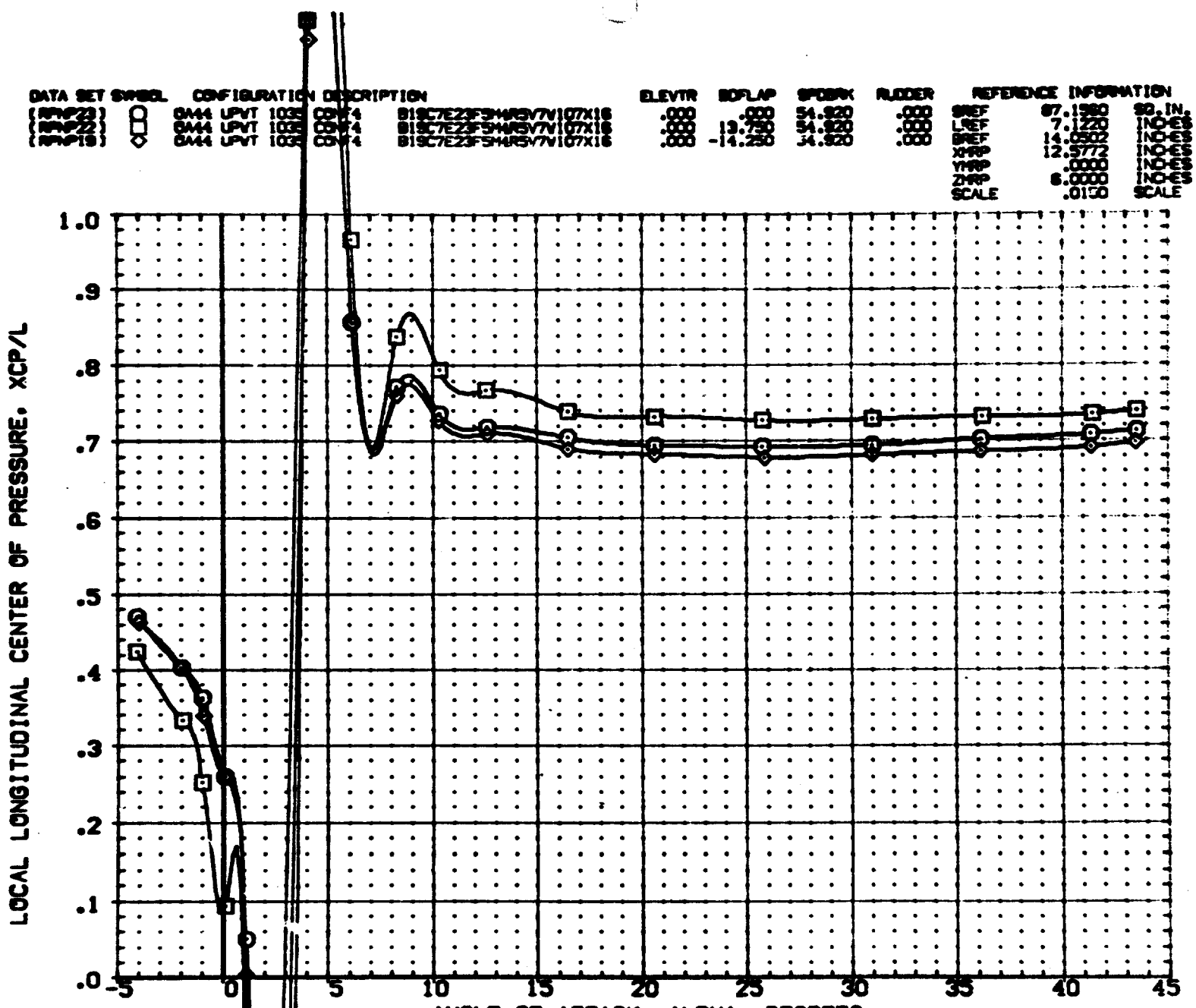
BODY FLAP DEFLECTED -13DB CONFIG

(A)MACH = 2.50



BODY FLAP DEFLECTED -13?8 CONFIG

(B)MACH = 3.50

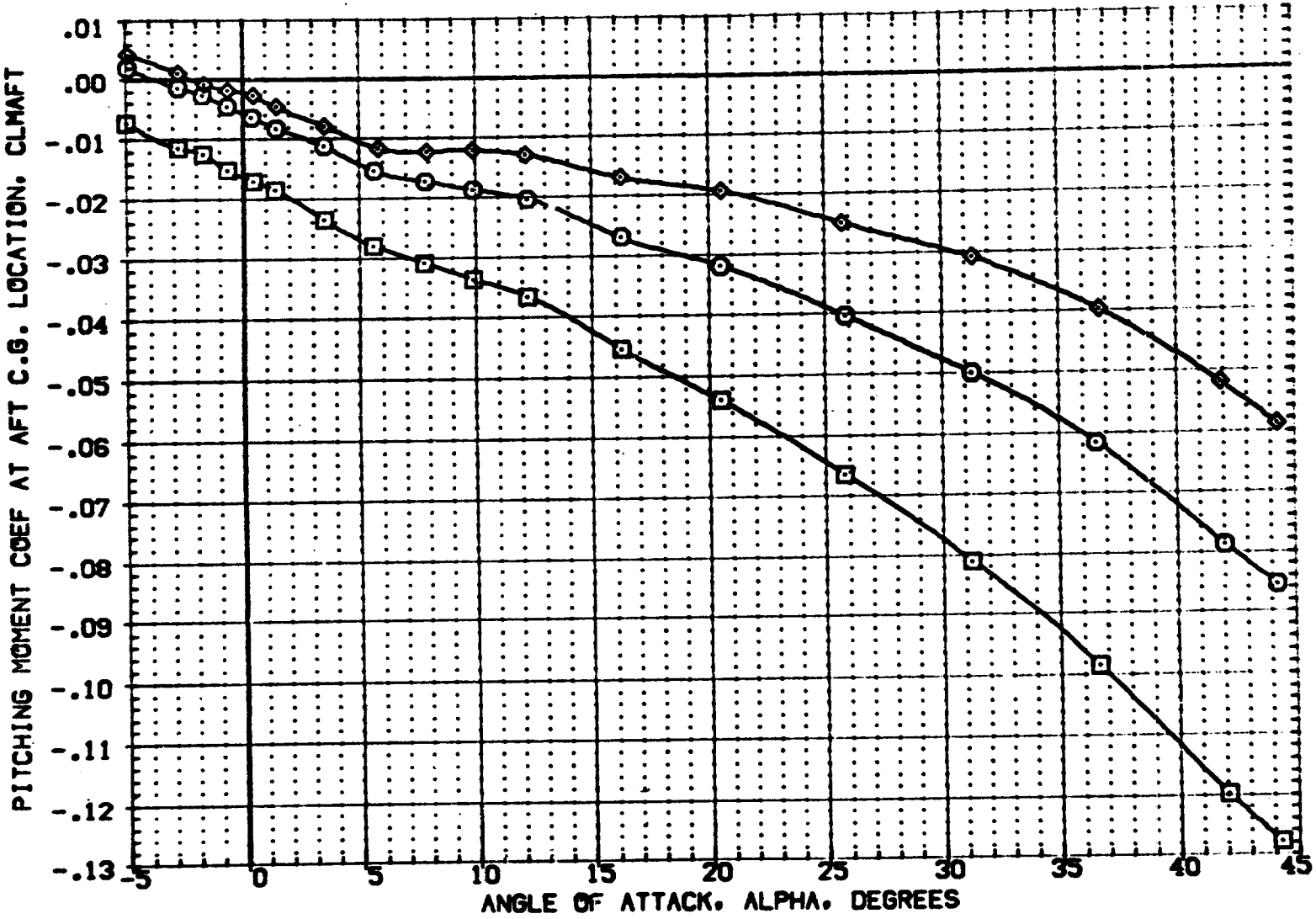


BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(MPNZ23)	○	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	.000	.000	54.920	.000
(MPNZ22)	□	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	.000	13.750	54.920	.000
(MPNZ19)	◇	0A44 UPVT 1035 CONF4	B19C7E23F5M4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.9643	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



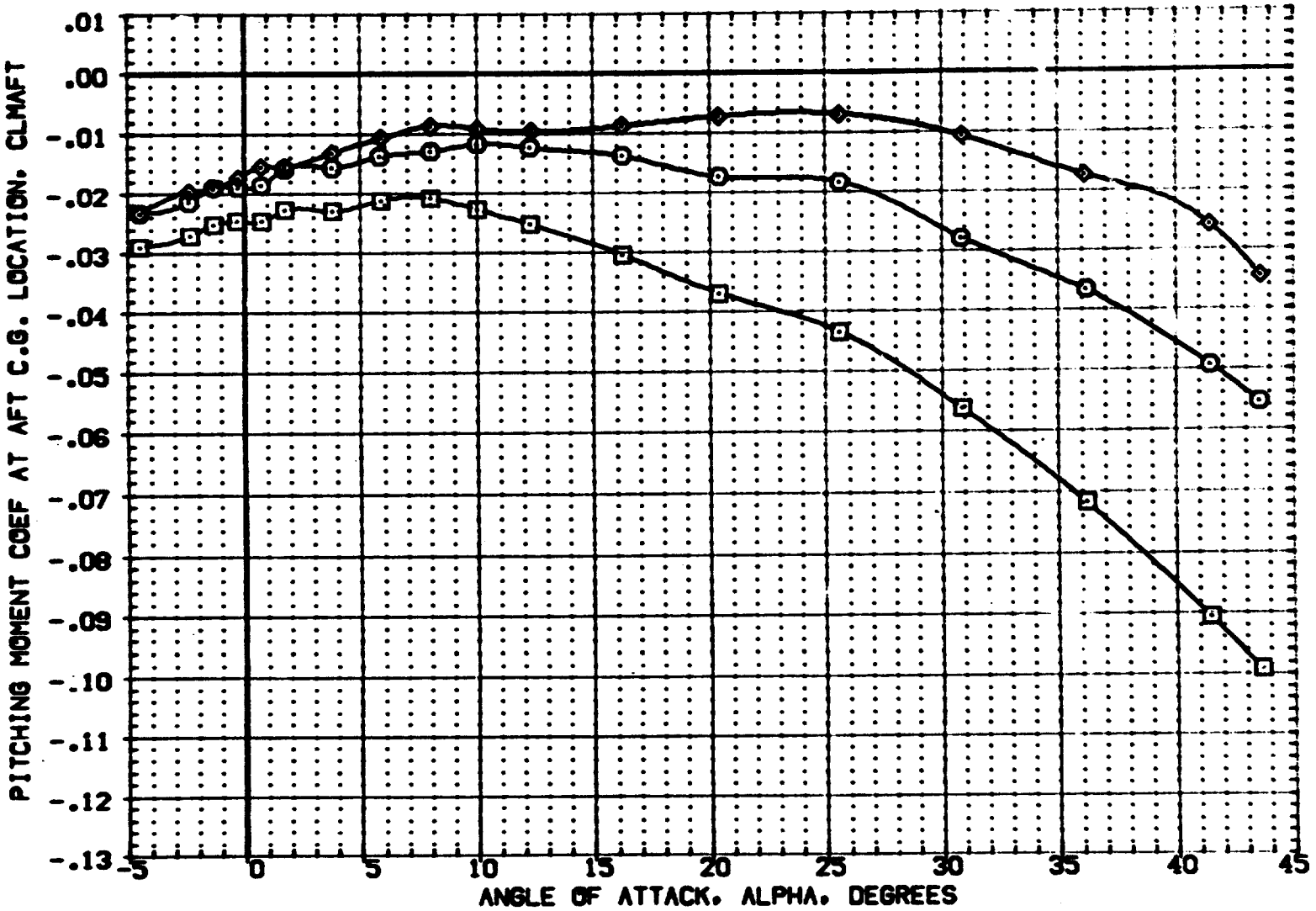
BODY FLAP DEFLECTED -13.9B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(HPNZ23)	○	0A44 UPVT 1035 CONF4 B1BC7E23F3H4RSV7V107X16	.000	.000	54.850	.000
(HPNZ22)	□	0A44 UPVT 1035 CONF4 B1BC7E23F3H4RSV7V107X16	.000	-13.250	54.850	.000
(HPNZ19)	◇	0A44 UPVT 1035 CONF4 B1BC7E23F3H4RSV7V107X16	.000	-14.250	54.850	.000

REFERENCE INFORMATION

SREF	87.5000	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.8613	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

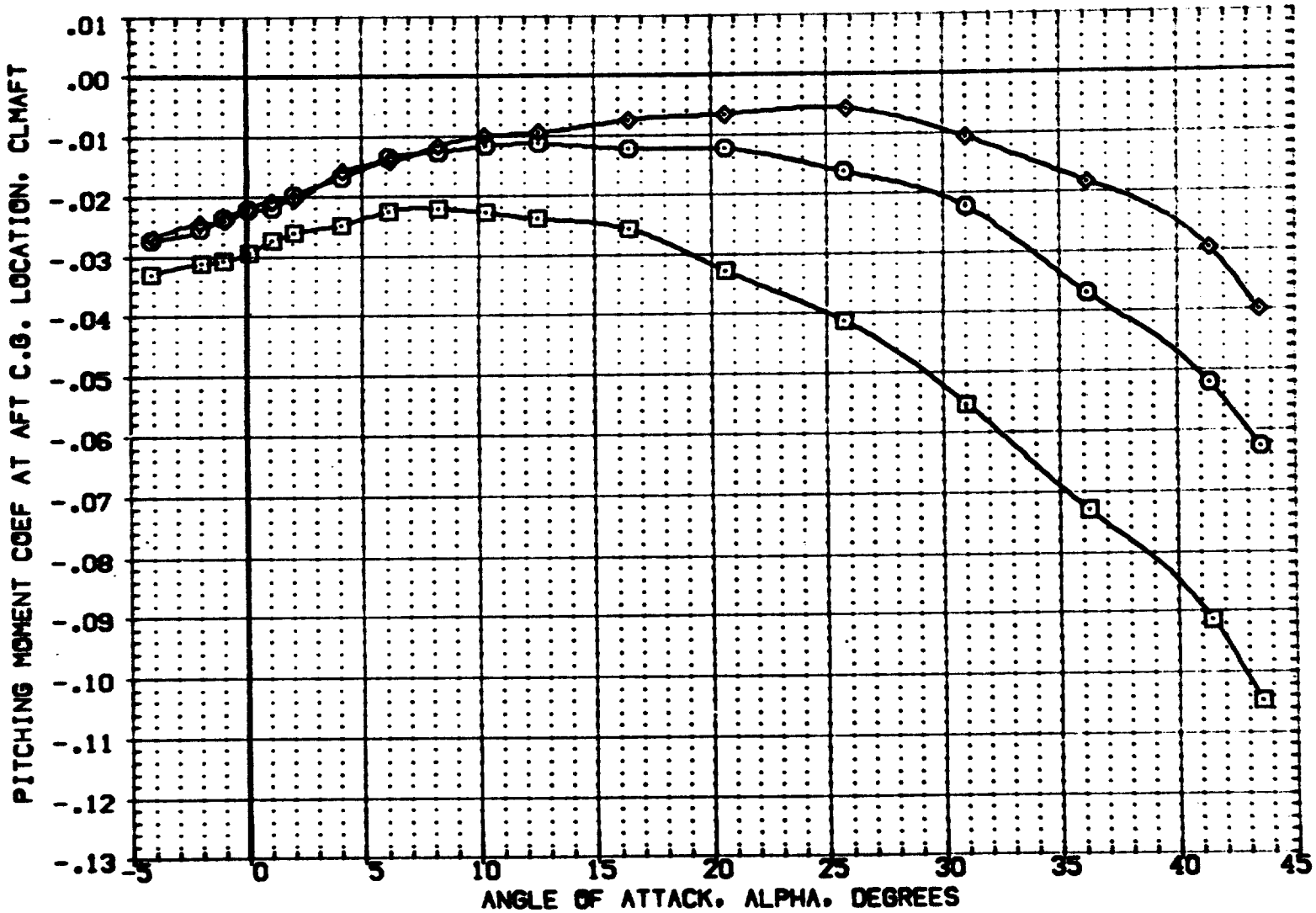


BODY FLAP DEFLECTED -13DB CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(HPNZ23)	○	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	.000	54.920	.000
(HPNZ22)	□	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	19.750	54.920	.000
(HPNZ19)	◇	0A44 UPVT 1035 CONF4 B19C7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.9643	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

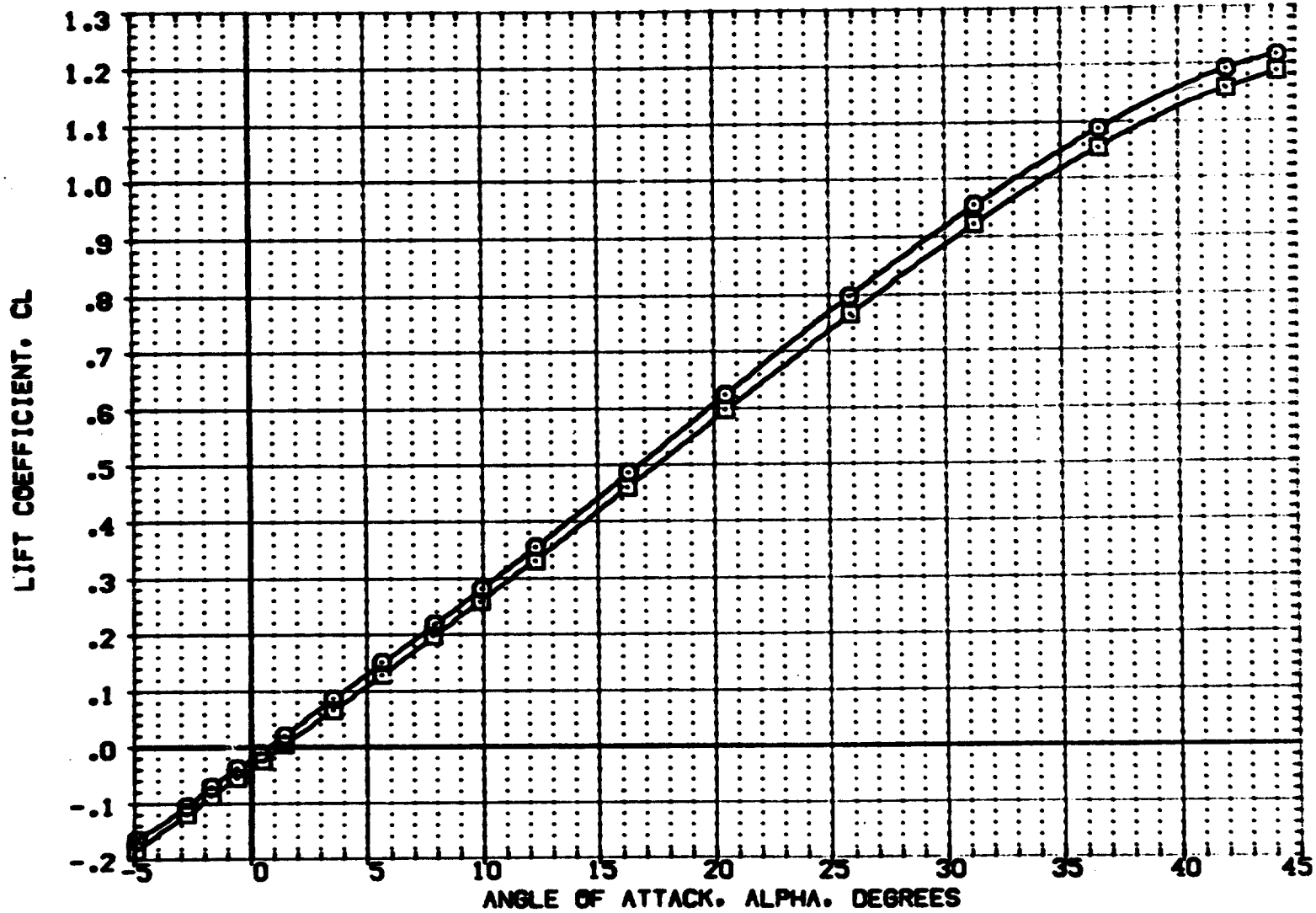


BODY FLAP DEFLECTED -139B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RUN28)		0A44 UPVT 1035 CONF4	821C7E22F3HR3V7V107X16	.000	13.750	54.920	.000
(RUN25)		0A44 UPVT 1035 CONF4	821C7E22F5HR5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCES
BREF	14.0800	INCES
XMRP	12.5772	INCES
YMRP	.0000	INCES
ZMRP	6.0000	INCES
SCALE	.0150	SCALE

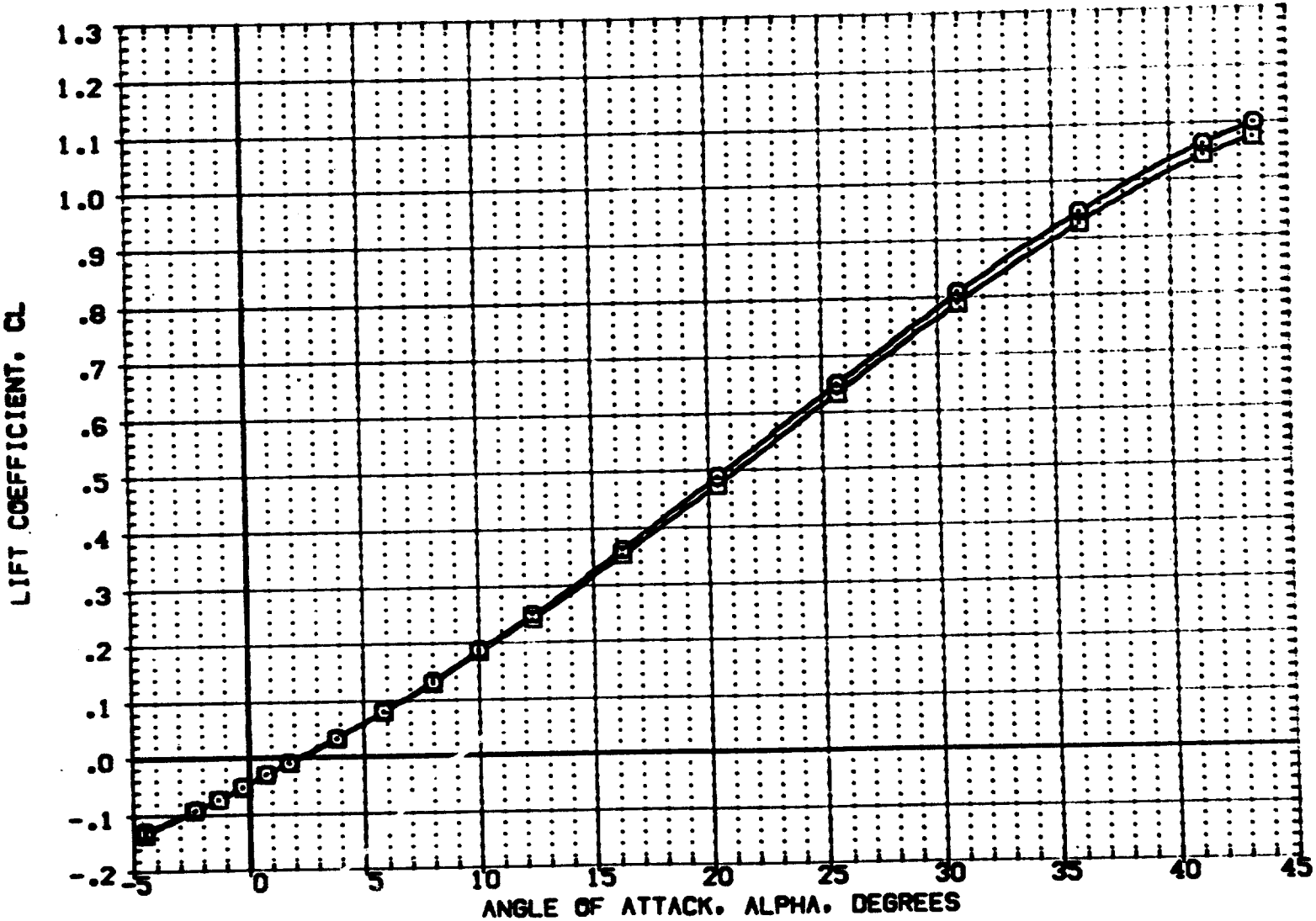


BODY FLAP DEFLECTED -13DB CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE28)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	13.750	54.820	.000
(RPNE25)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

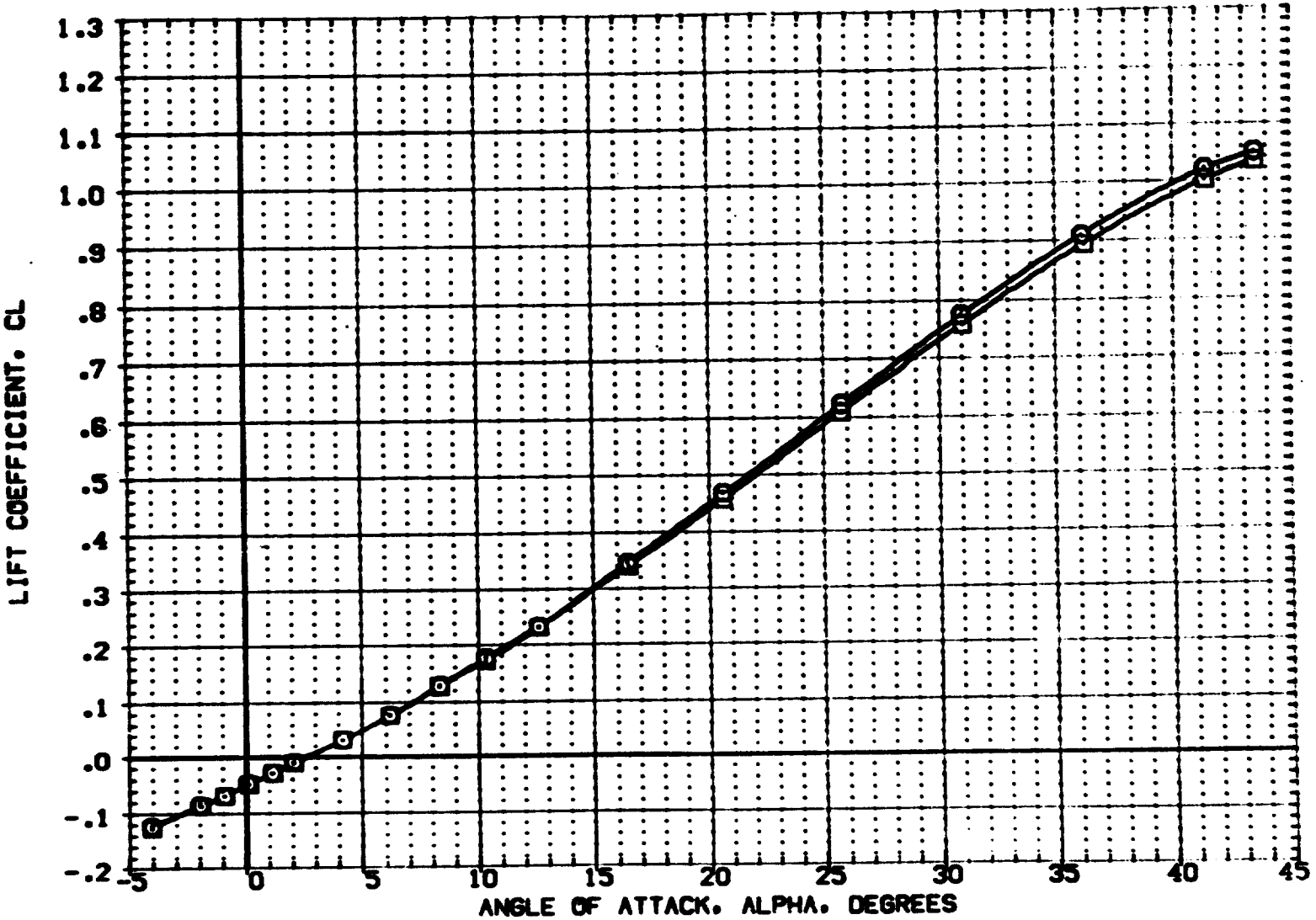


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPHE28)		0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	13.750	54.820	.000
(RPHE25)		0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

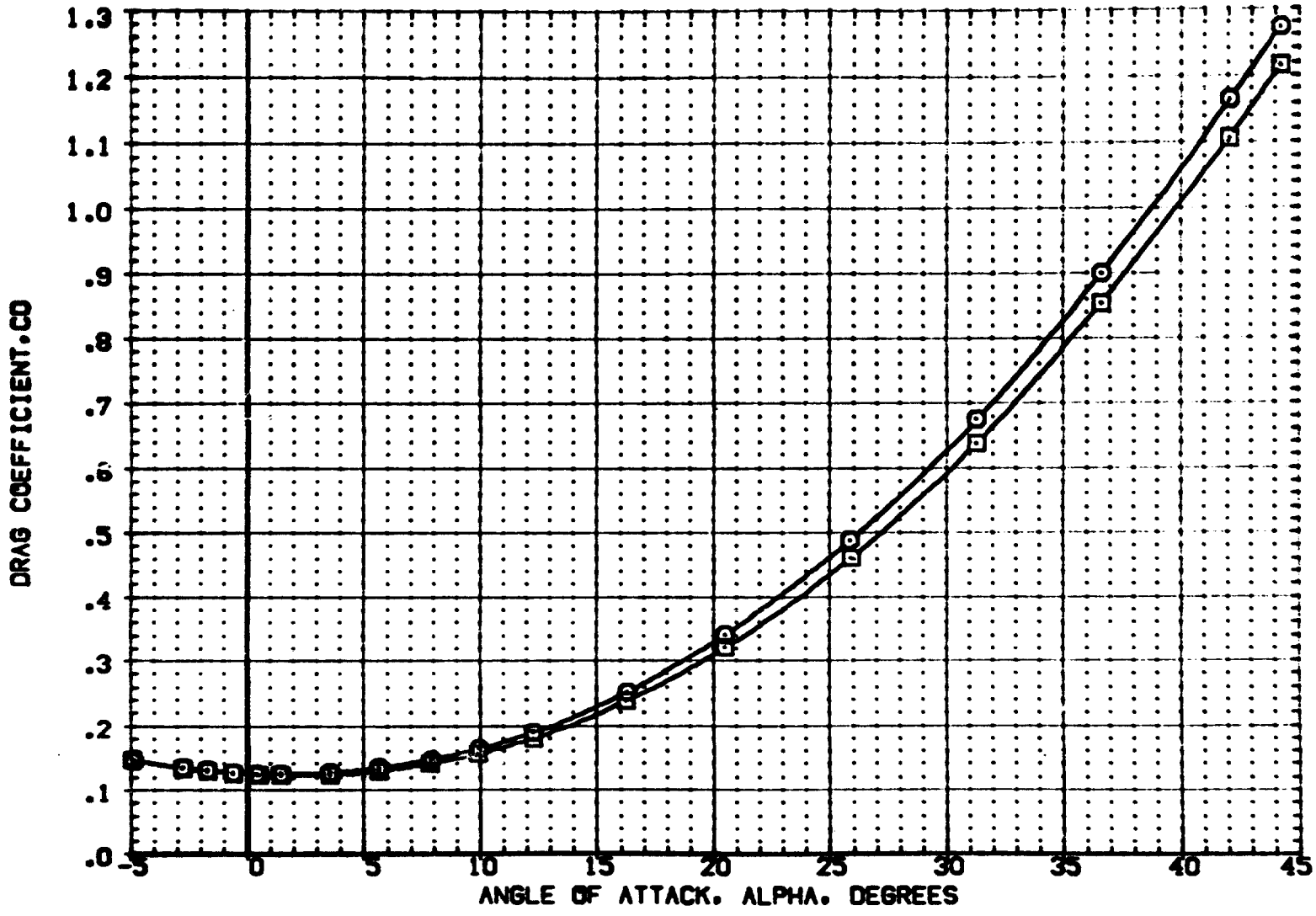


BODY FLAP DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE28)	0A44 UPVT 1035 CONF4 B21C7E22F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE25)	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



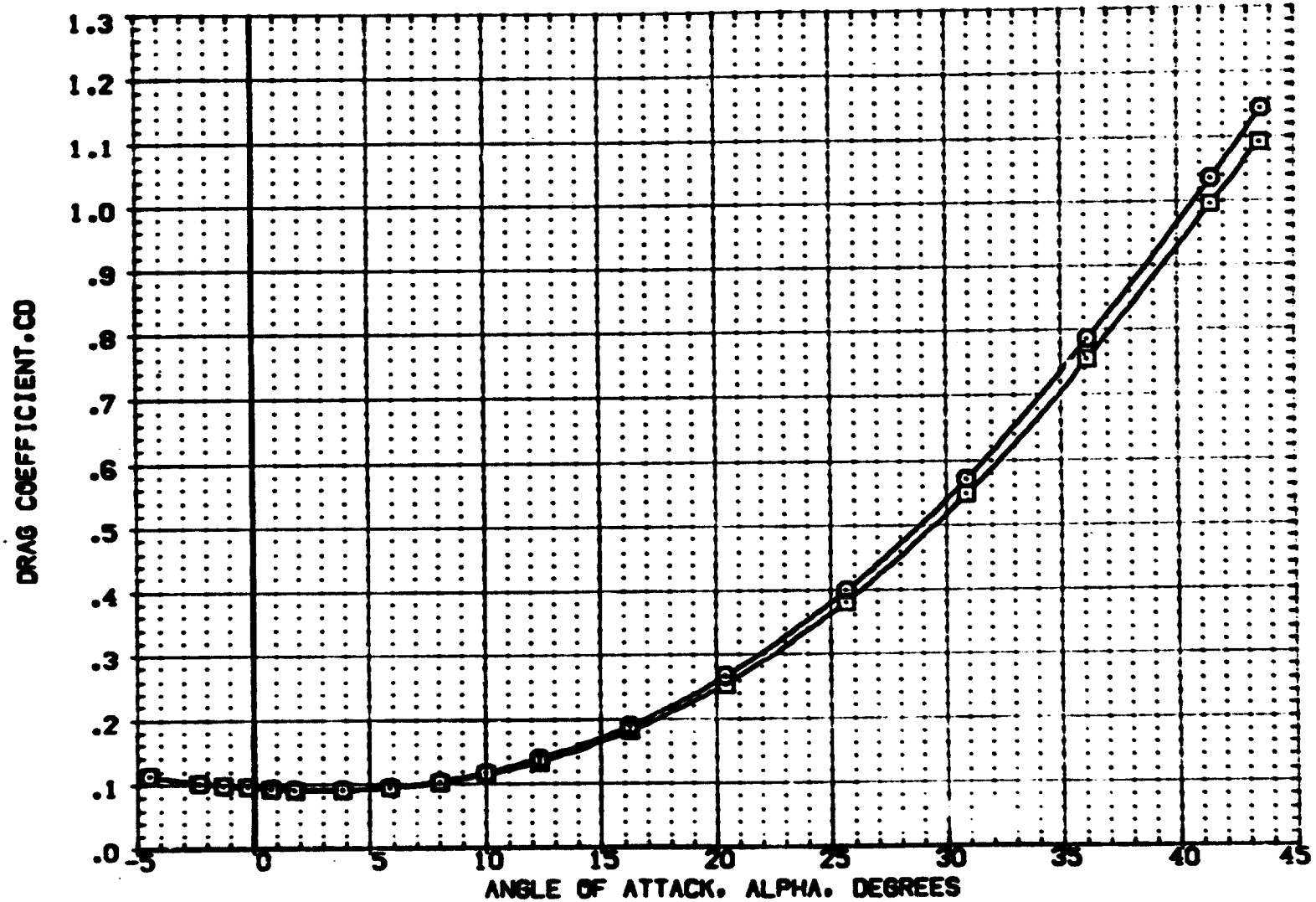
BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[RPNE28]	0A44 UPVT 1035 CONF4 B21C7E23F3HRSV7V107X16	.000	13.730	54.920	.000
[RPNE25]	0A44 UPVT 1035 CONF4 B21C7E23F3HRSV7V107X18	.000	-14.230	54.920	.000

REFERENCE INFORMATION

SREF	67.1360	SQ.IN.
BLREF	7.1220	INCHES
BREF	14.0802	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

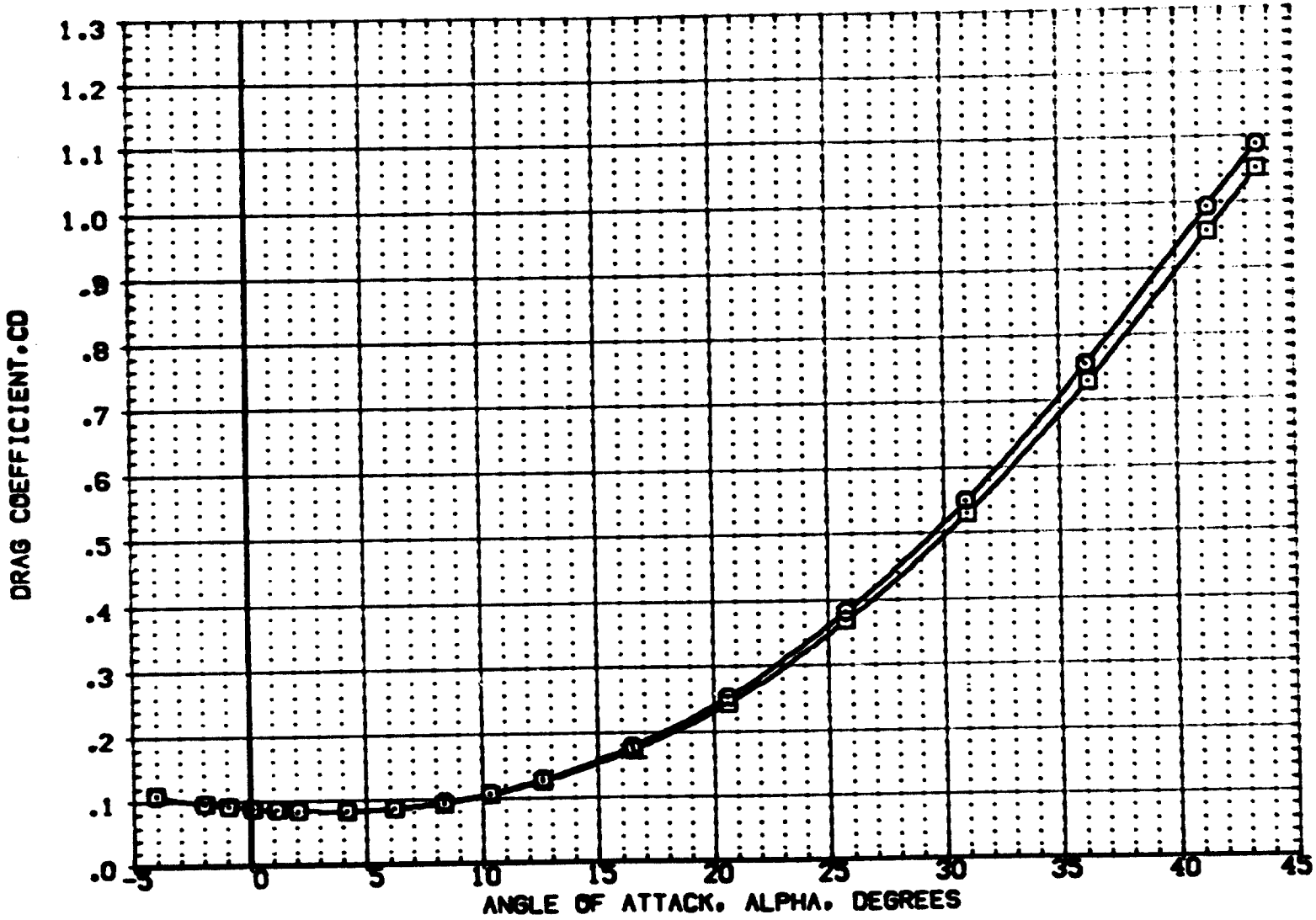


BODY FLAP DEFLECTED -13?8 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE28)	0A44 UPVT 1035 CONF4	B21C7E23F3HR5V7V107X16	.000	19.750	54.820	.000
(RPNE25)	0A44 UPVT 1035 CONF4	B21C7E23F3HR5V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BDFLAP SPDBRK RUDDER REFERENCE INFORMATION

[illegible] 0A44 UPVT 1035 CDF4 [illegible] .000 13.750 51.820 .000 SREF 87.1580 SQ.IN.

[illegible] 0A44 UPVT 1035 CDF4 [illegible] .000 -14.250 51.820 .000 LREF 7.1220 INCHES

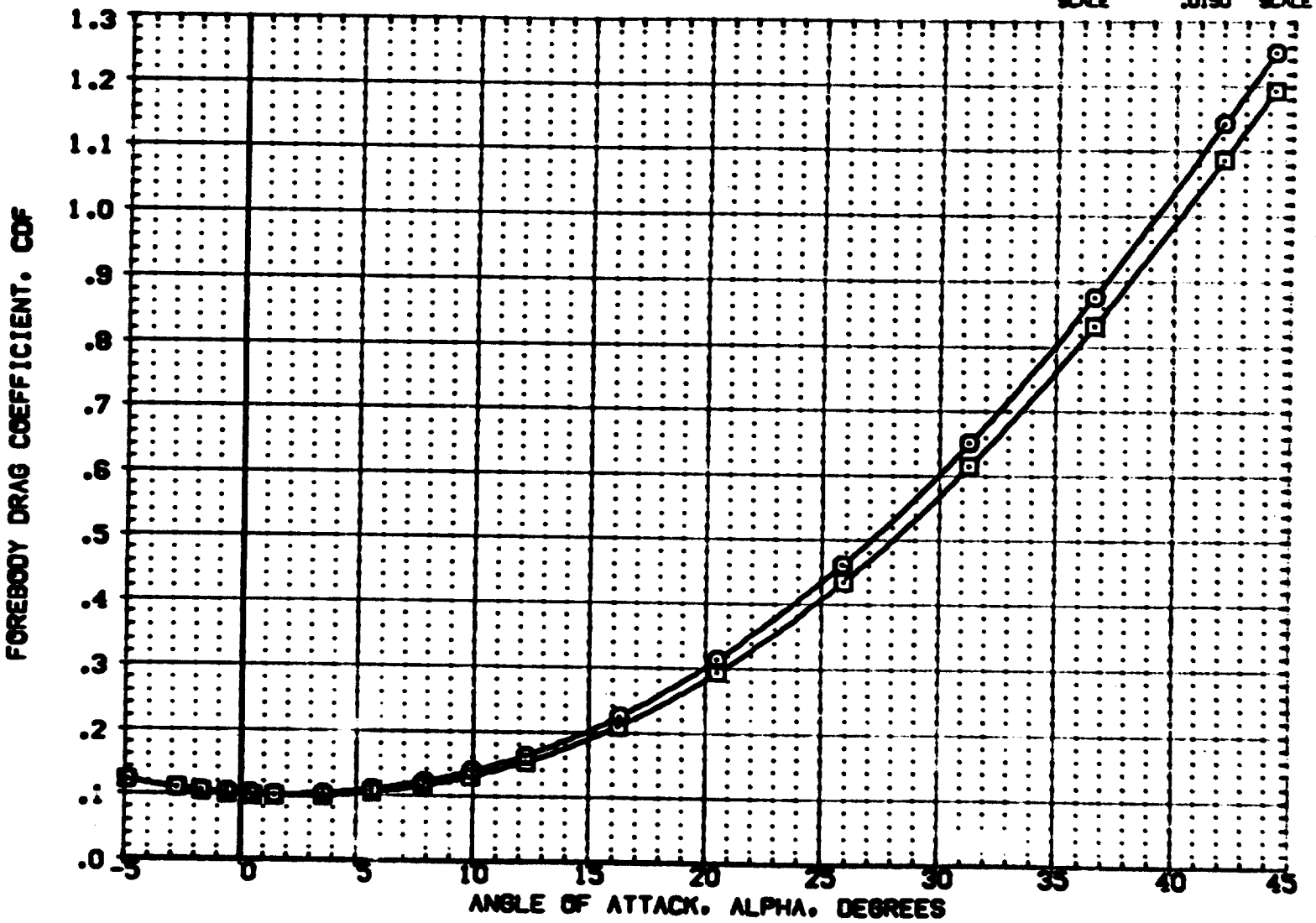
BREF 14.0000 INCHES

XMRP 12.5772 INCHES

YMRP .0000 INCHES

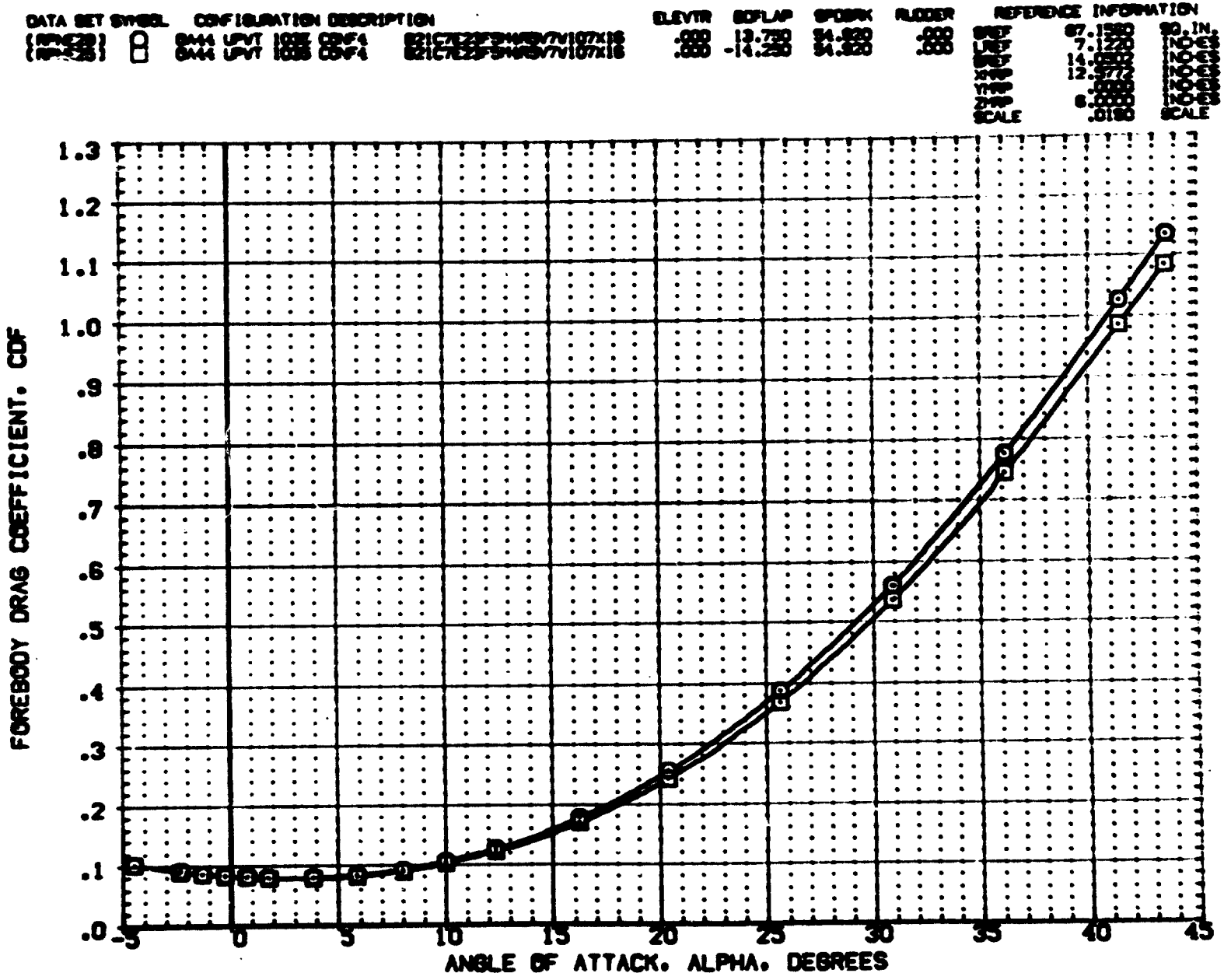
ZMRP 6.0000 INCHES

SCALE .0150 SCALE



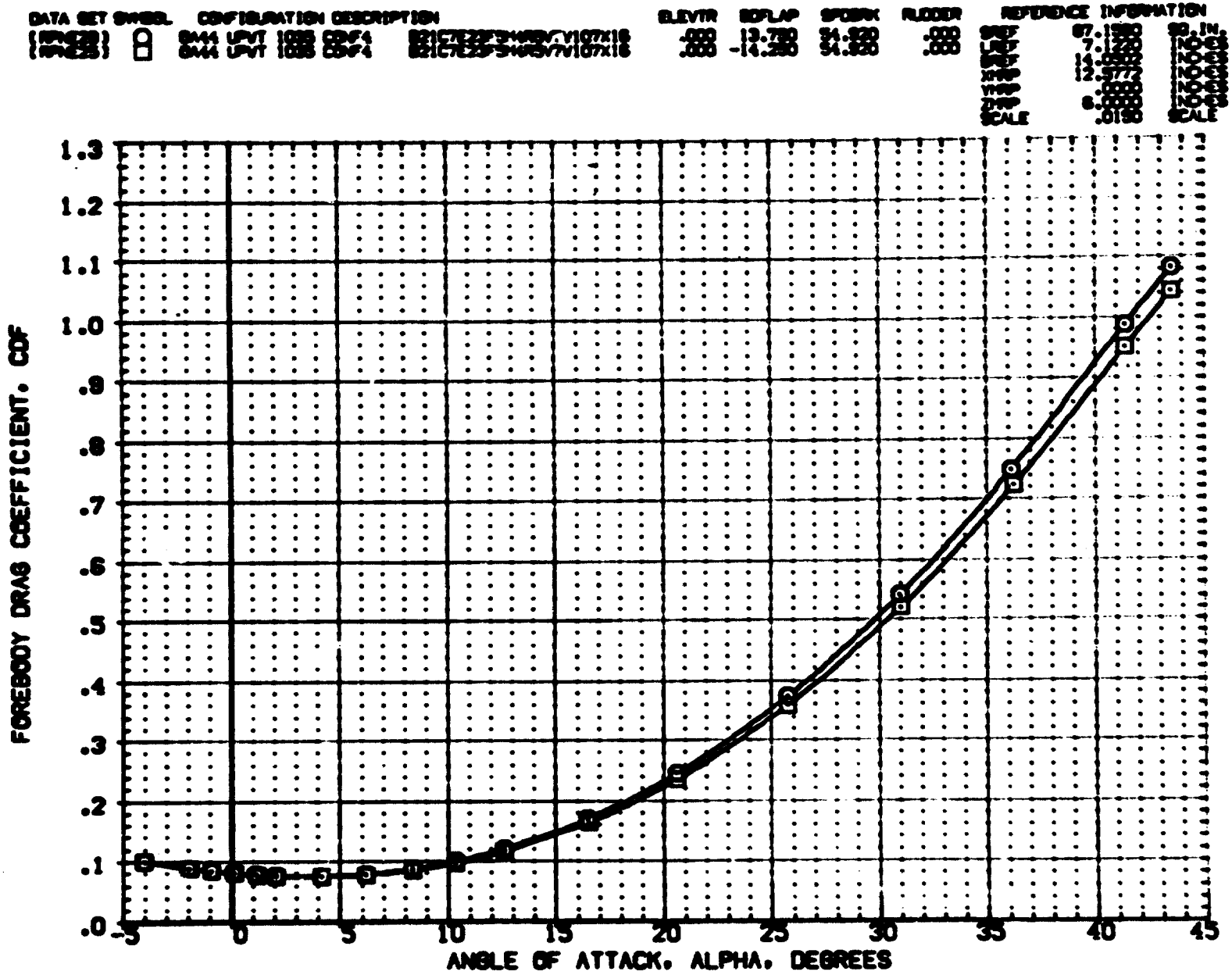
BODY FLAP DEFLECTED -13DB CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50



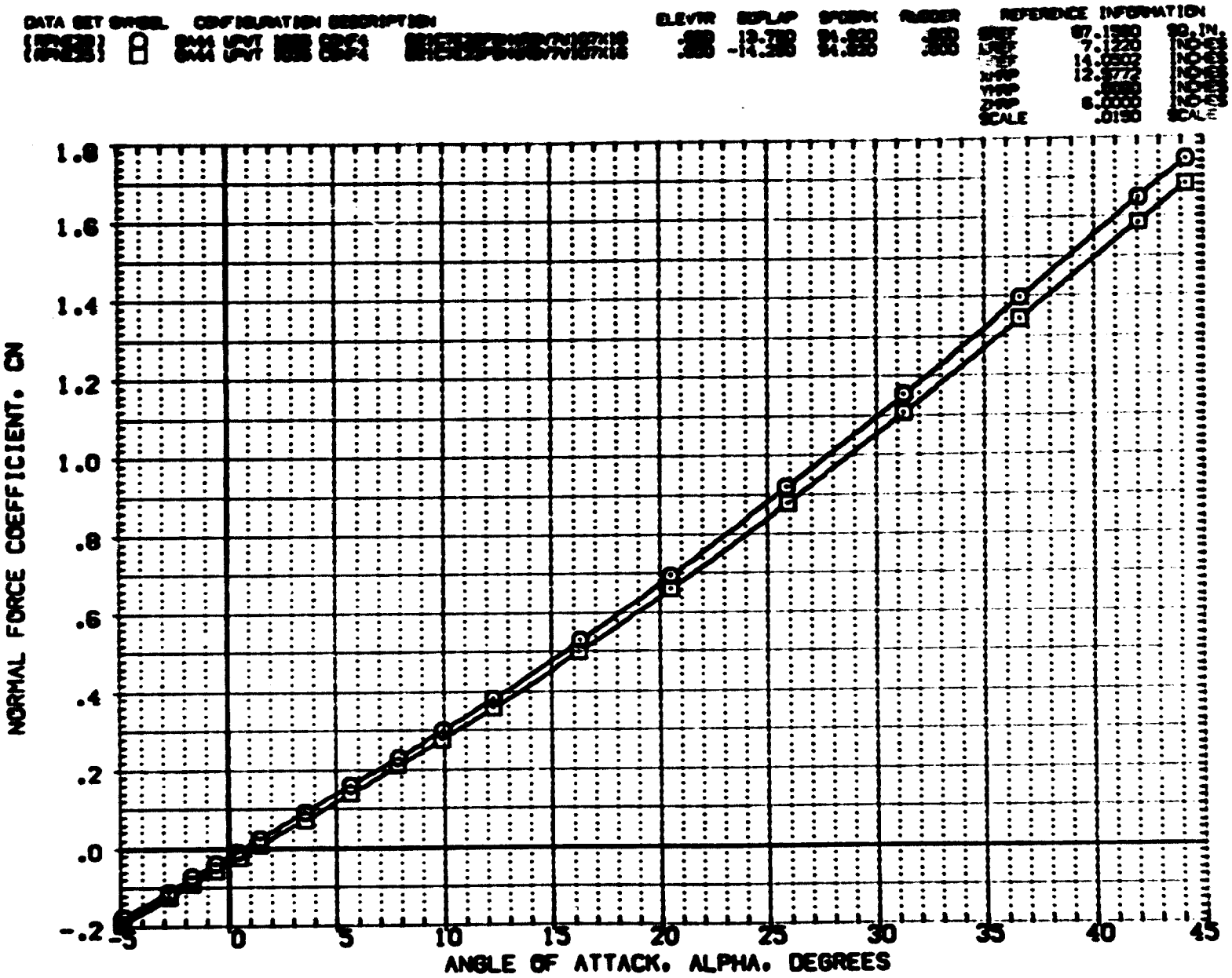
BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90



BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

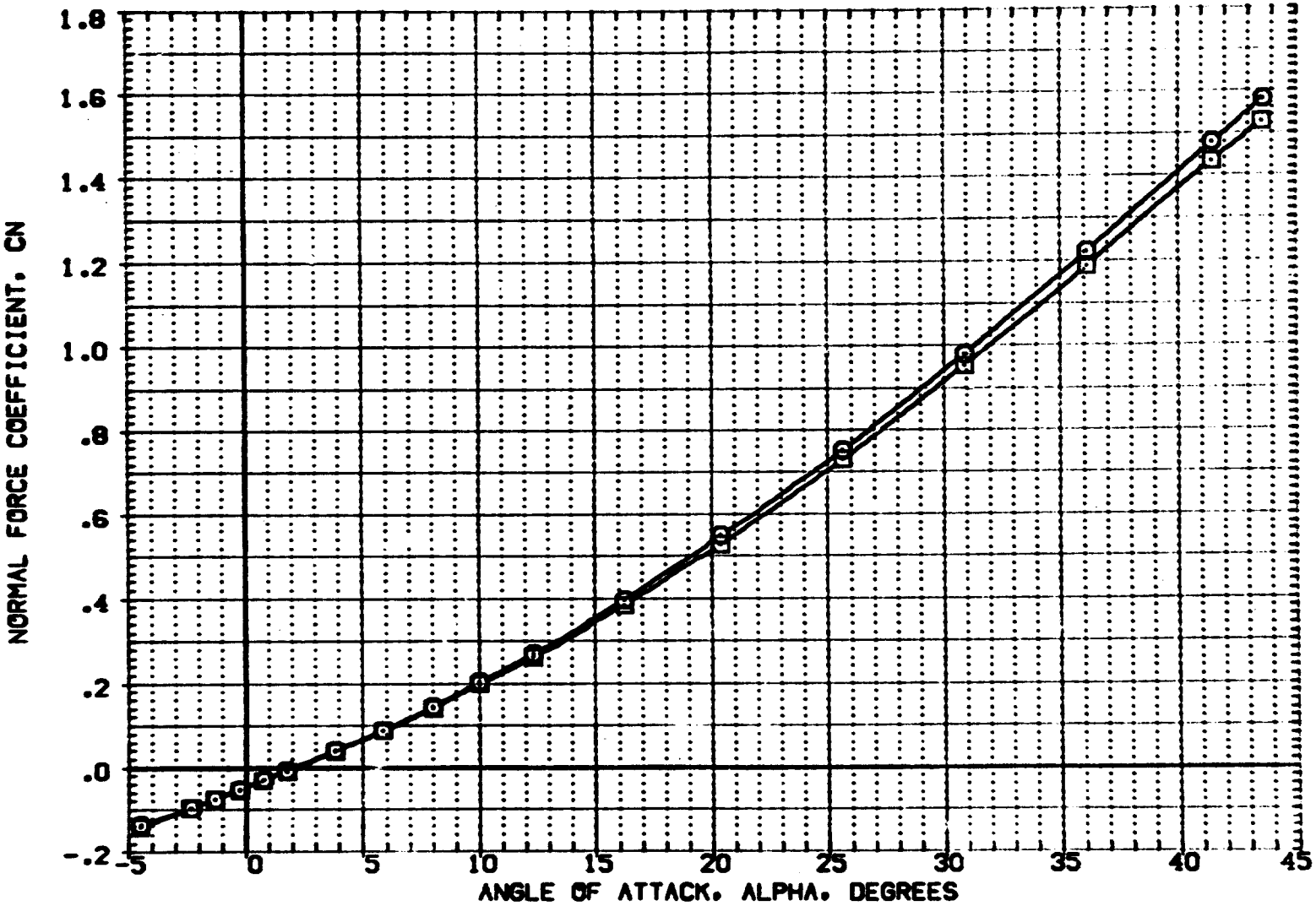


BODY FLAP DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

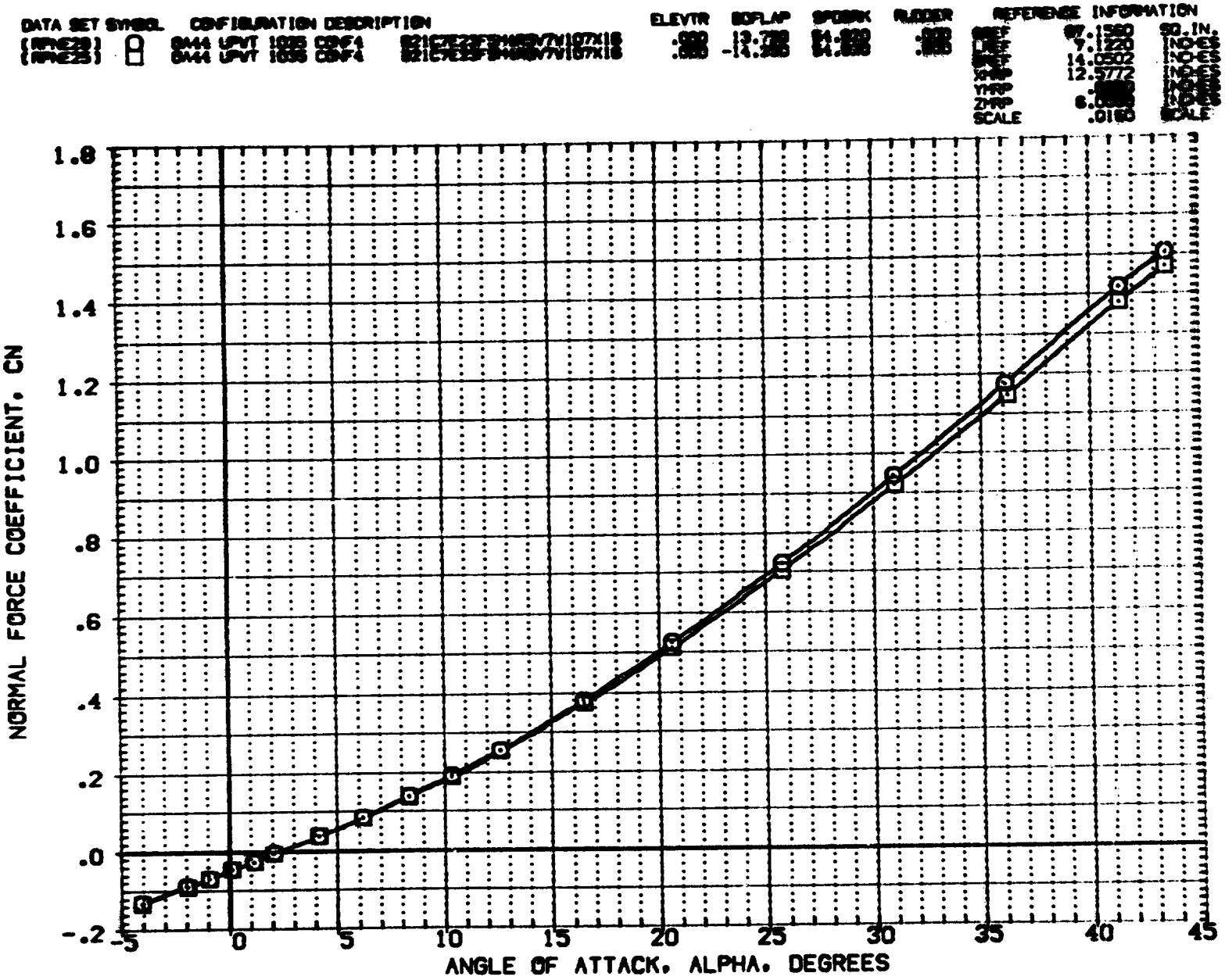
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE28)	8	0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	13.750	54.820	.000
(RPNE25)	□	0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED - 139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90



BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

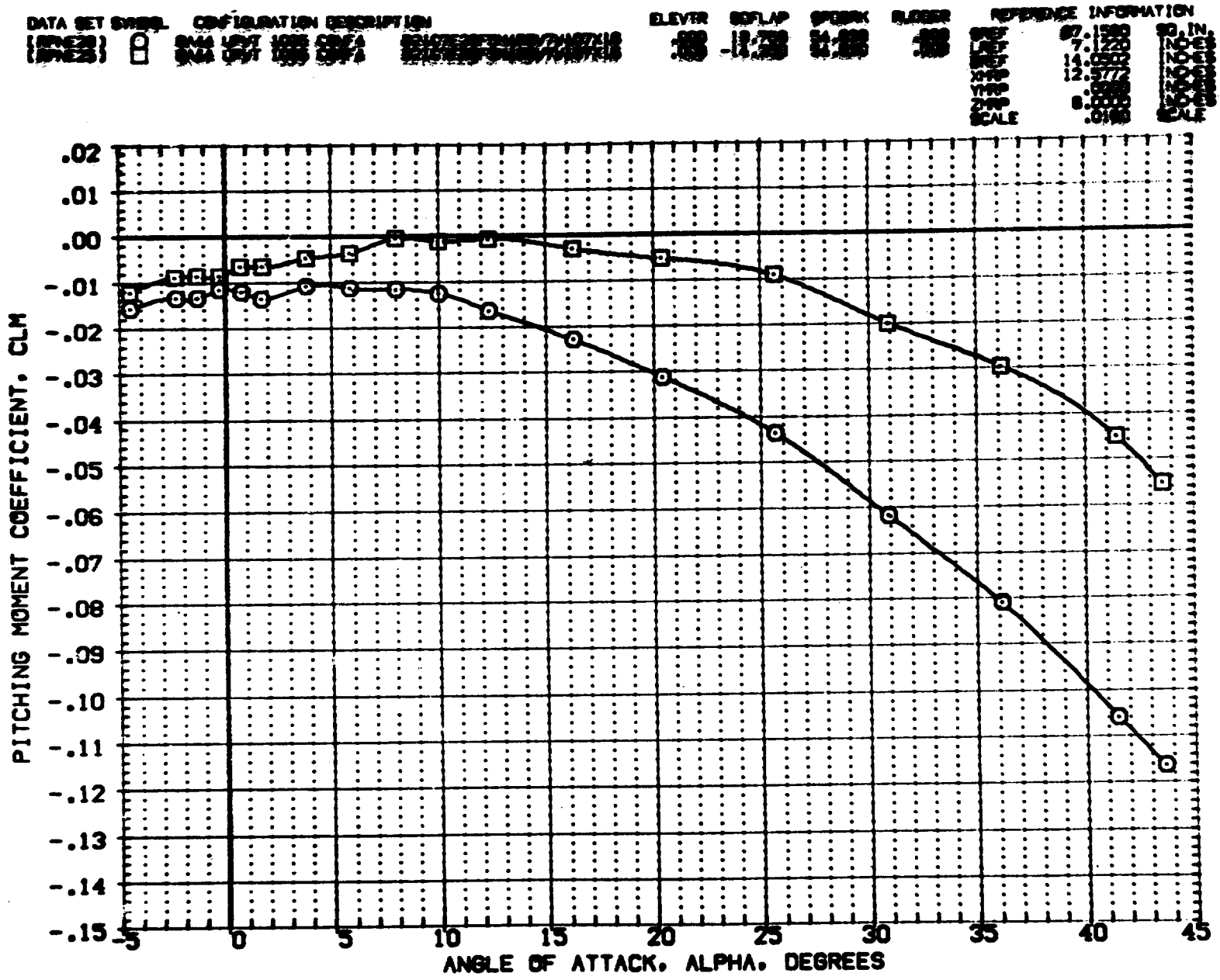
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE29)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	13.730	54.820	.000
(RPNE25)	0A44 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	67.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0582	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

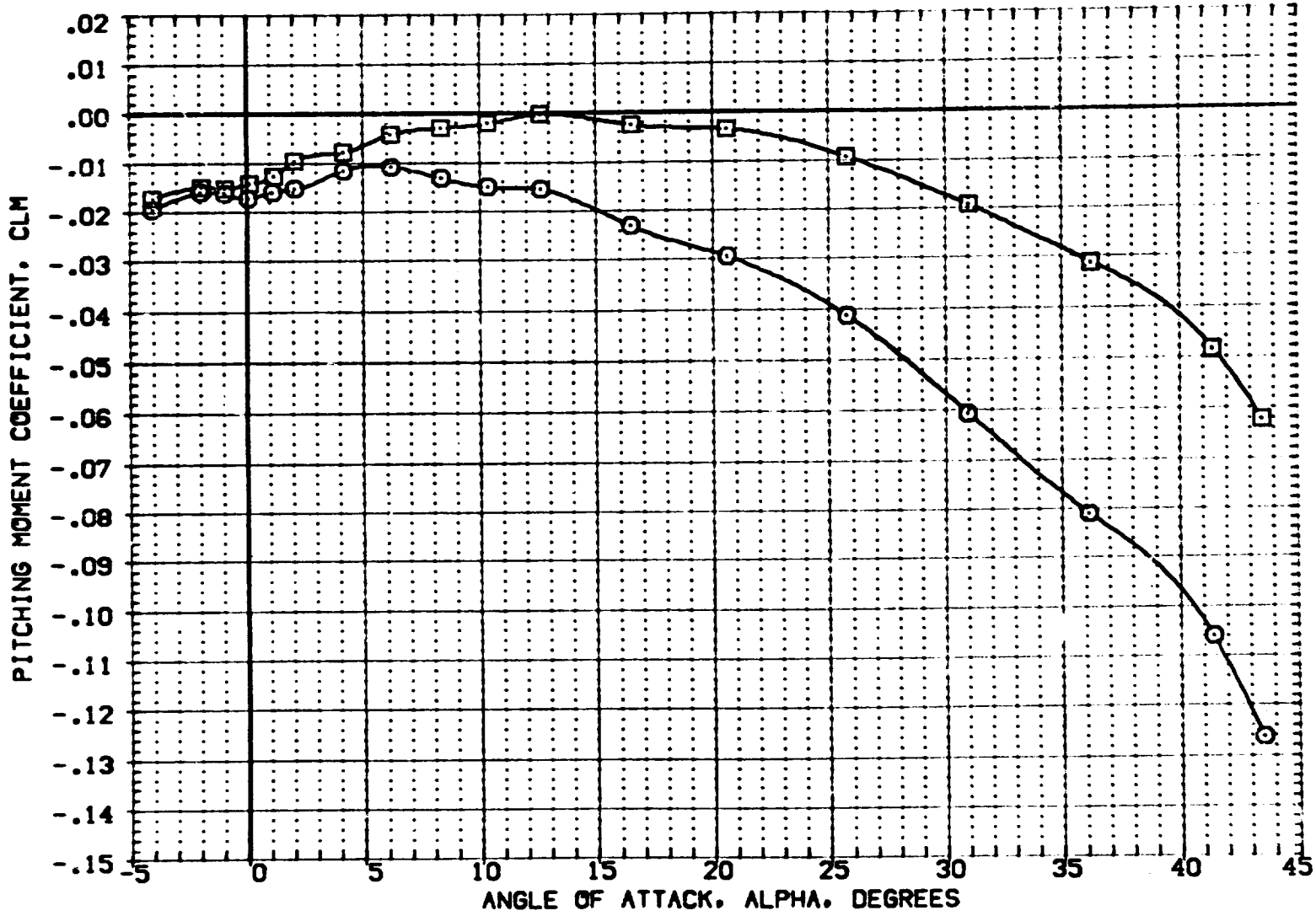


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNE29]		0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
[RPNE25]		0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

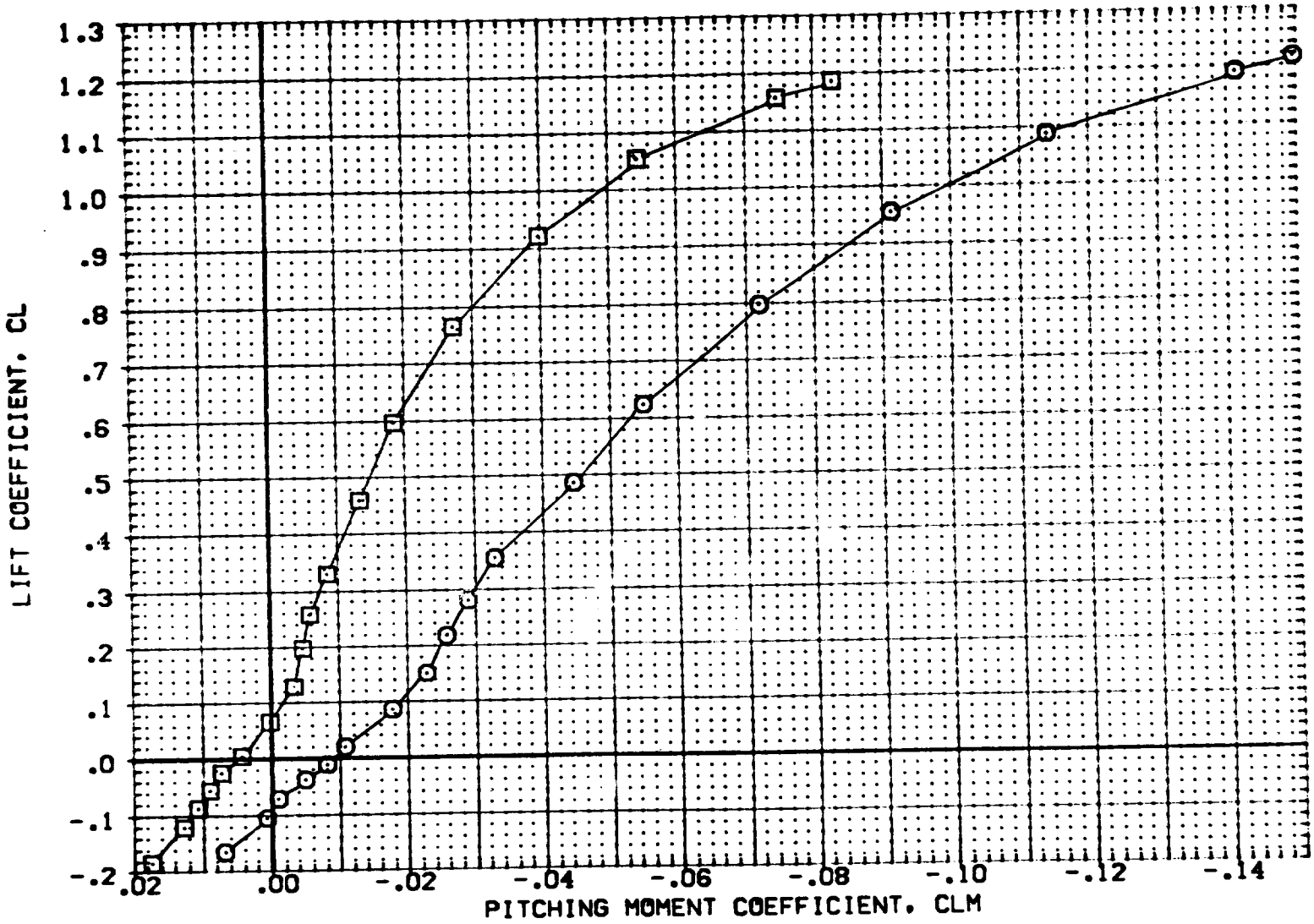


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE28)	9A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE25)	9A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

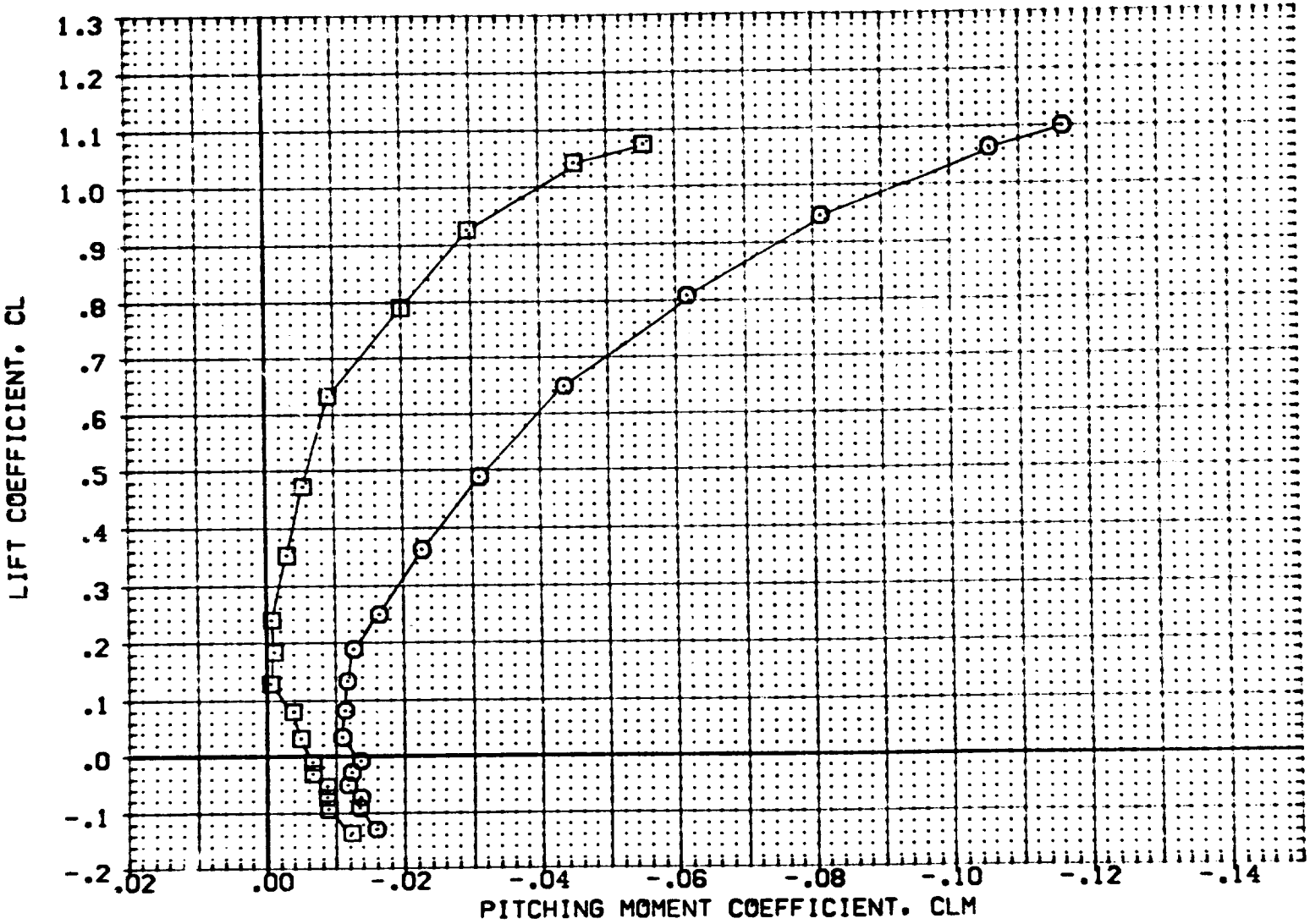


BODY FLAP DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE29)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNE25)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

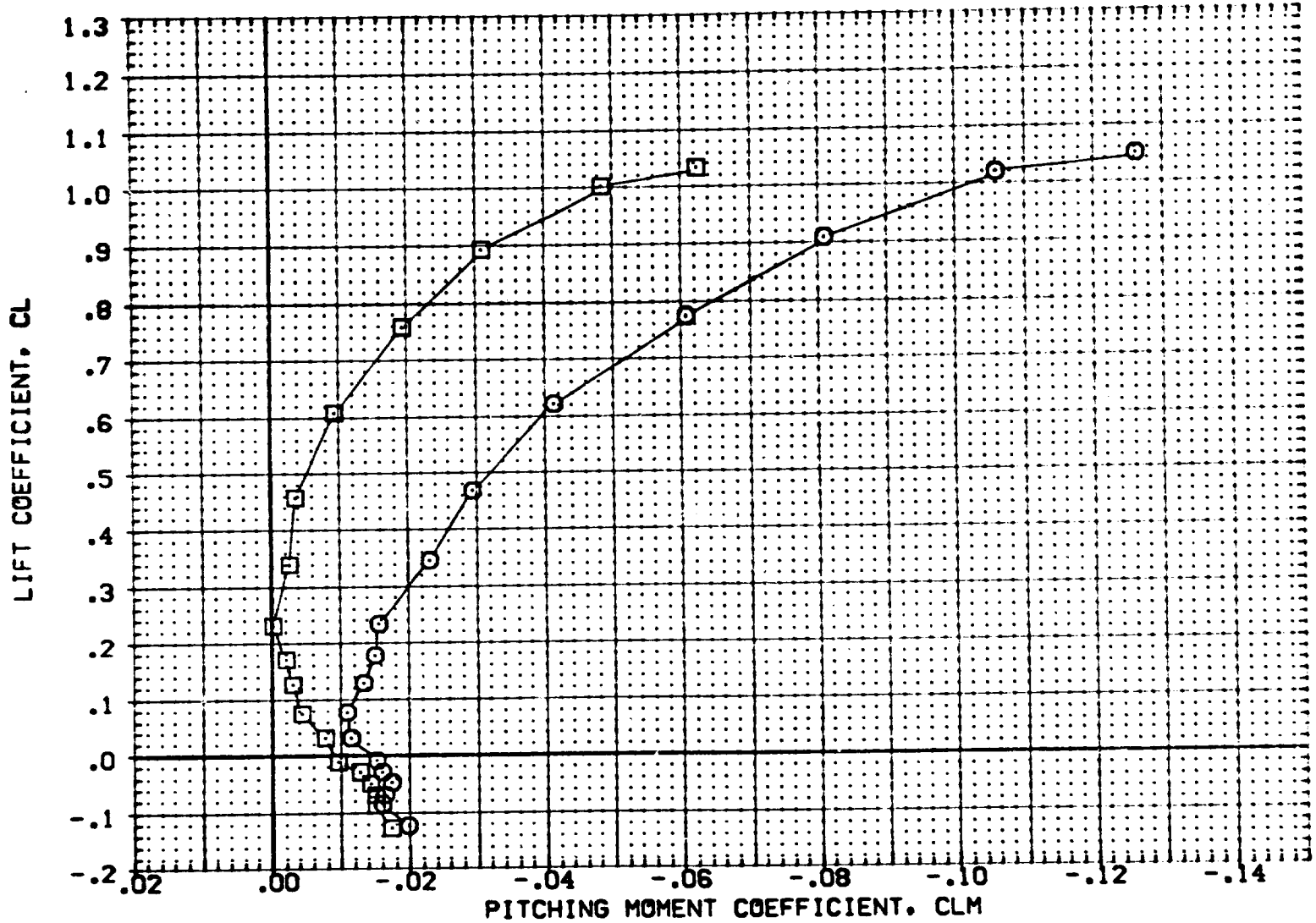


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE29)	0444 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	13.750	54.920	.000
(RPNE25)	0444 UPVT 1035 CONF4 B21C7E23F3H4R3V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

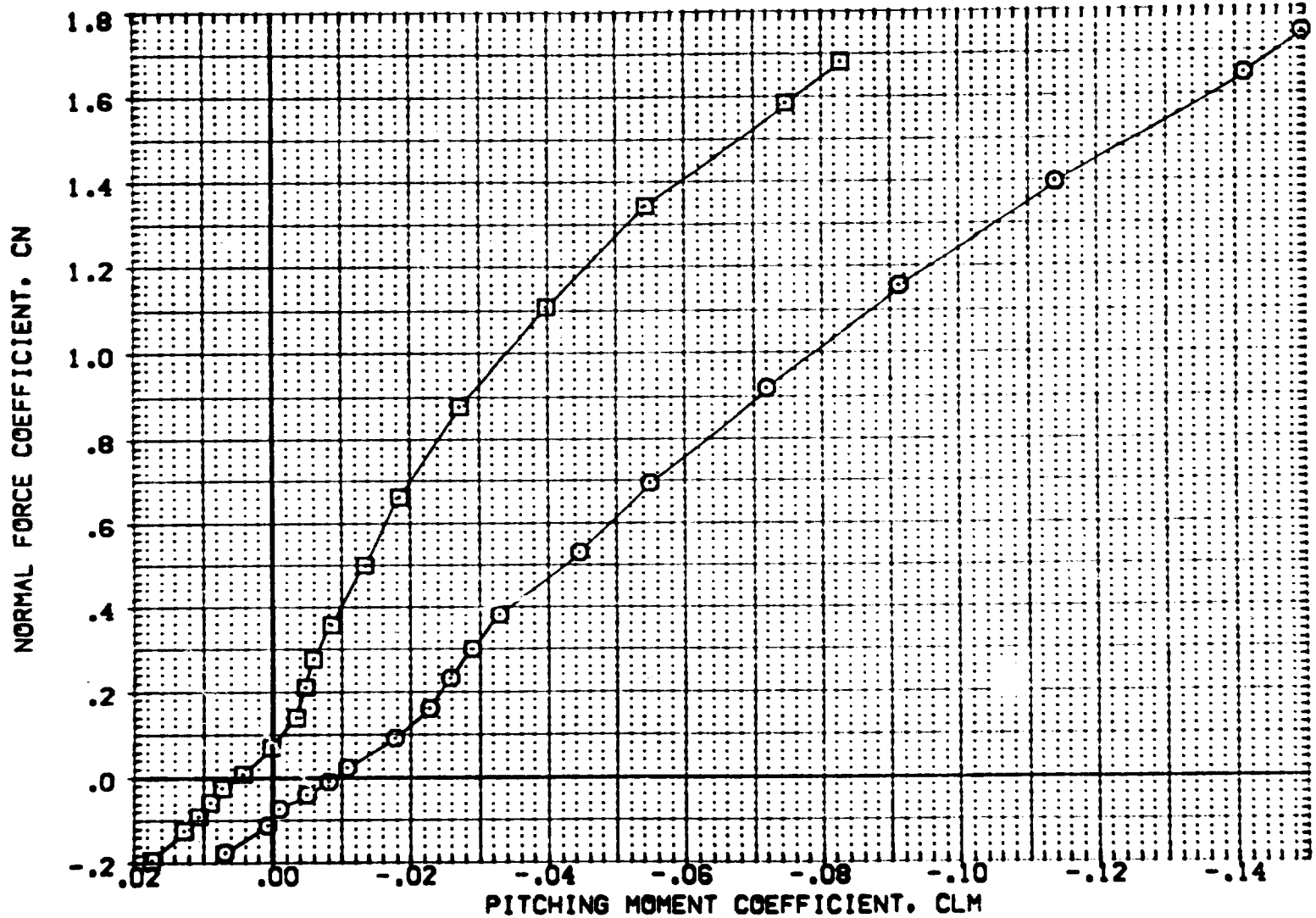


BODY FLAP DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE28)	○	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X18	.000	13.750	54.920	.000
(RPNE25)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X18	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

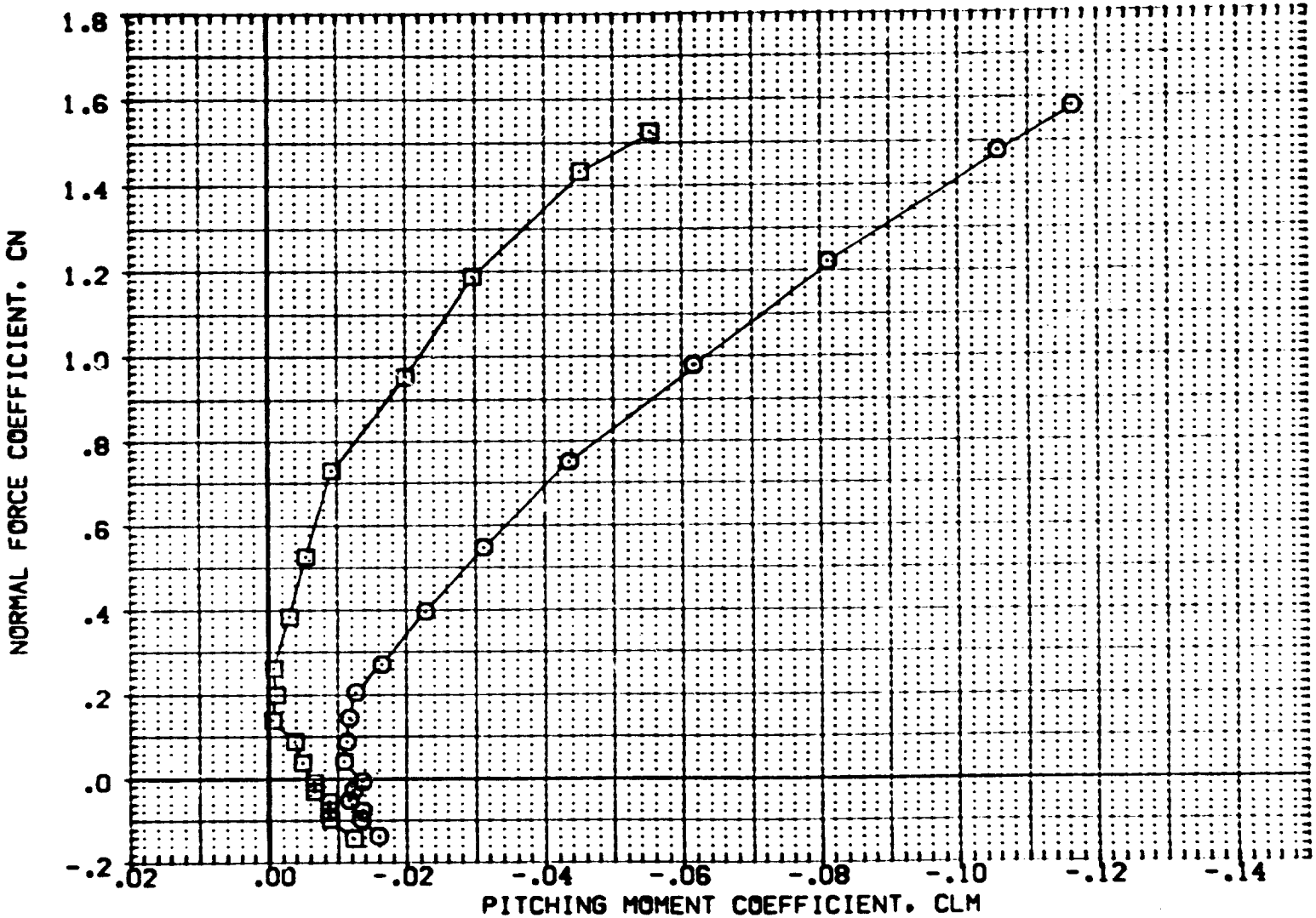


BODY FLAP DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
{RPHE28}	0A44 UPVT 1035 CONF4 B21C7E28F3H05V7V107X16	.000	13.730	54.920	.000
{RPHE25}	0A44 UPVT 1035 CONF4 B21C7E25F3H05V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0802	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



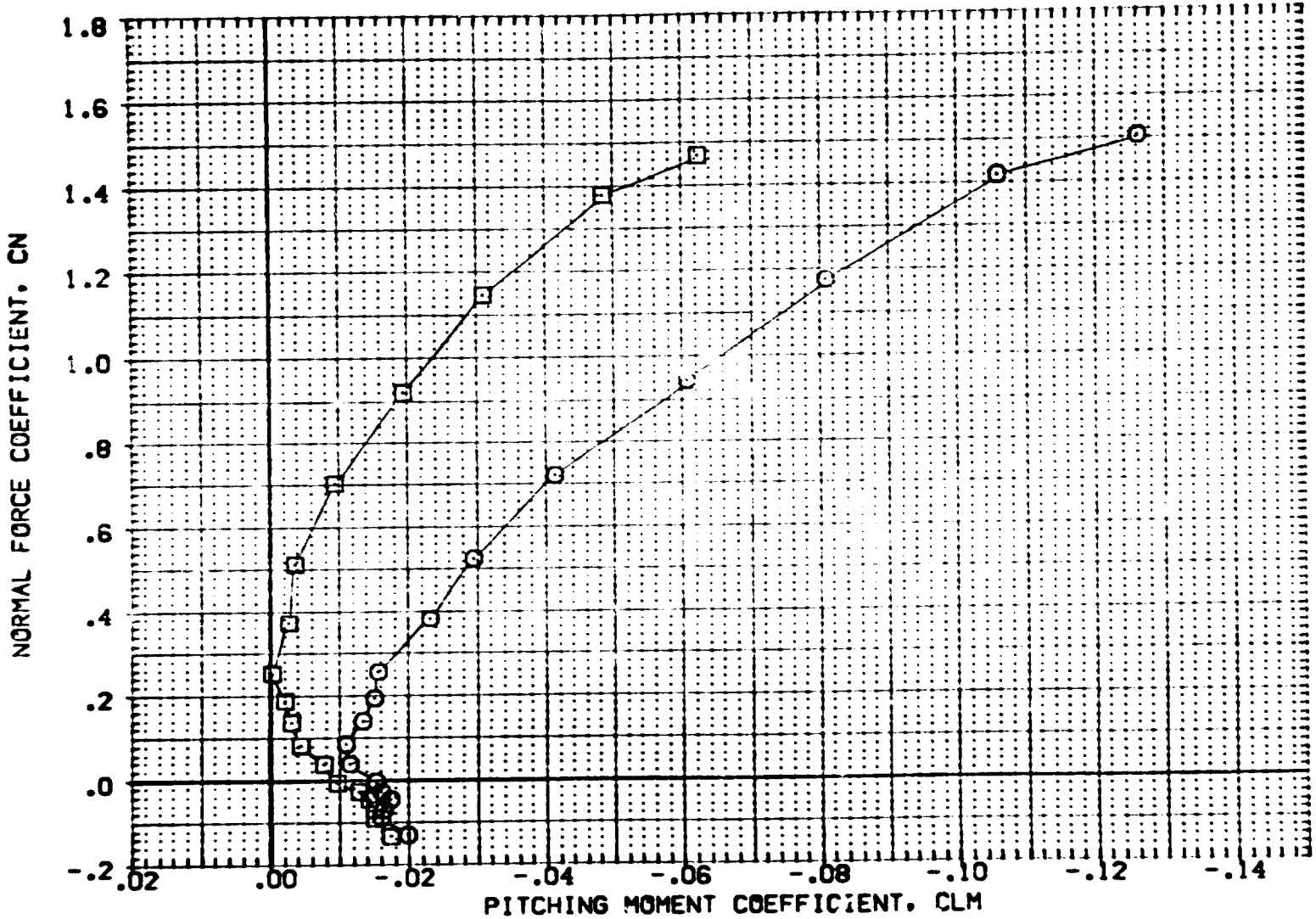
BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
{RUN229}	OA44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	13.750	54.920	.000
{RUN225}	OA44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	-14.250	54.920	.000

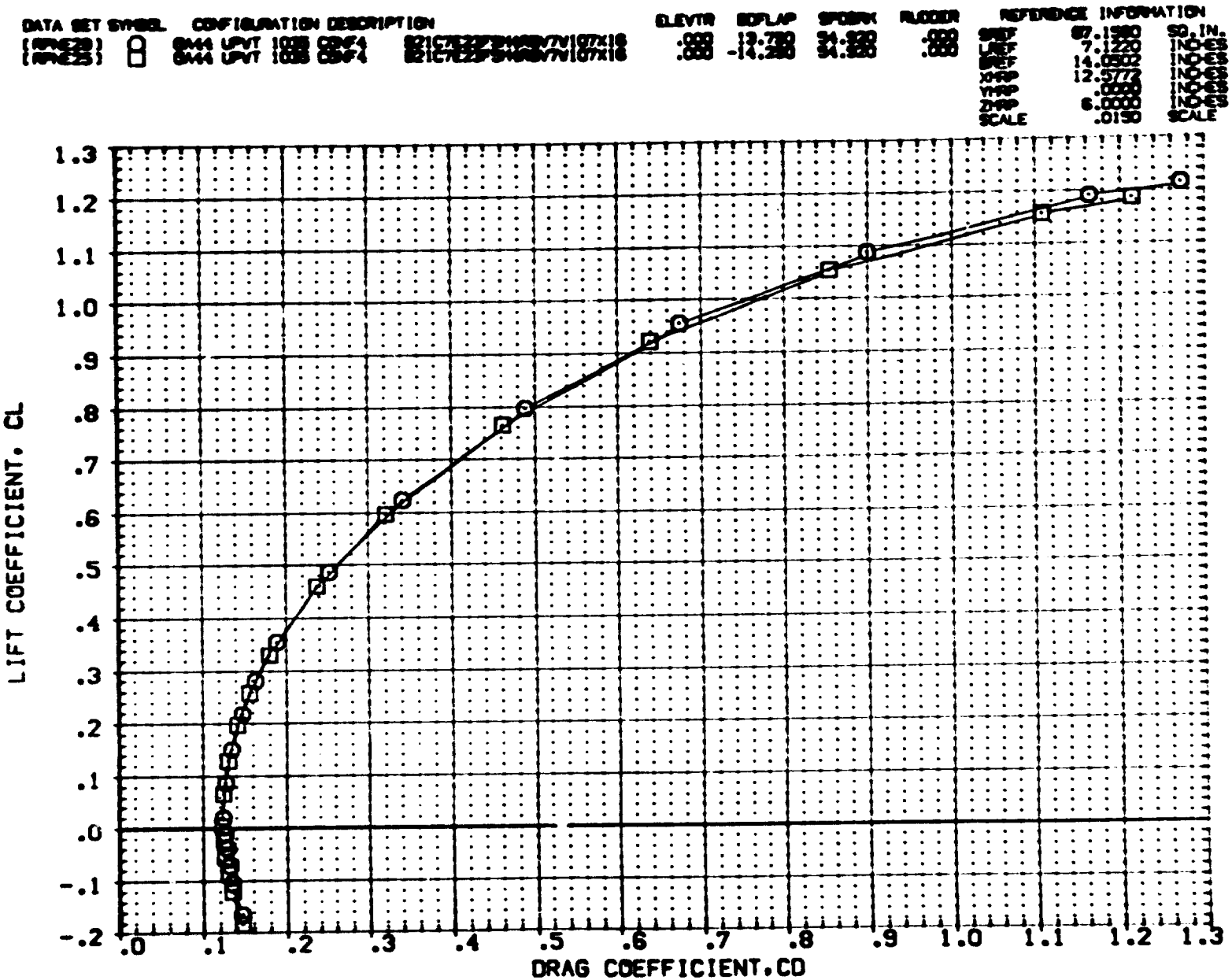
REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -13.9B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

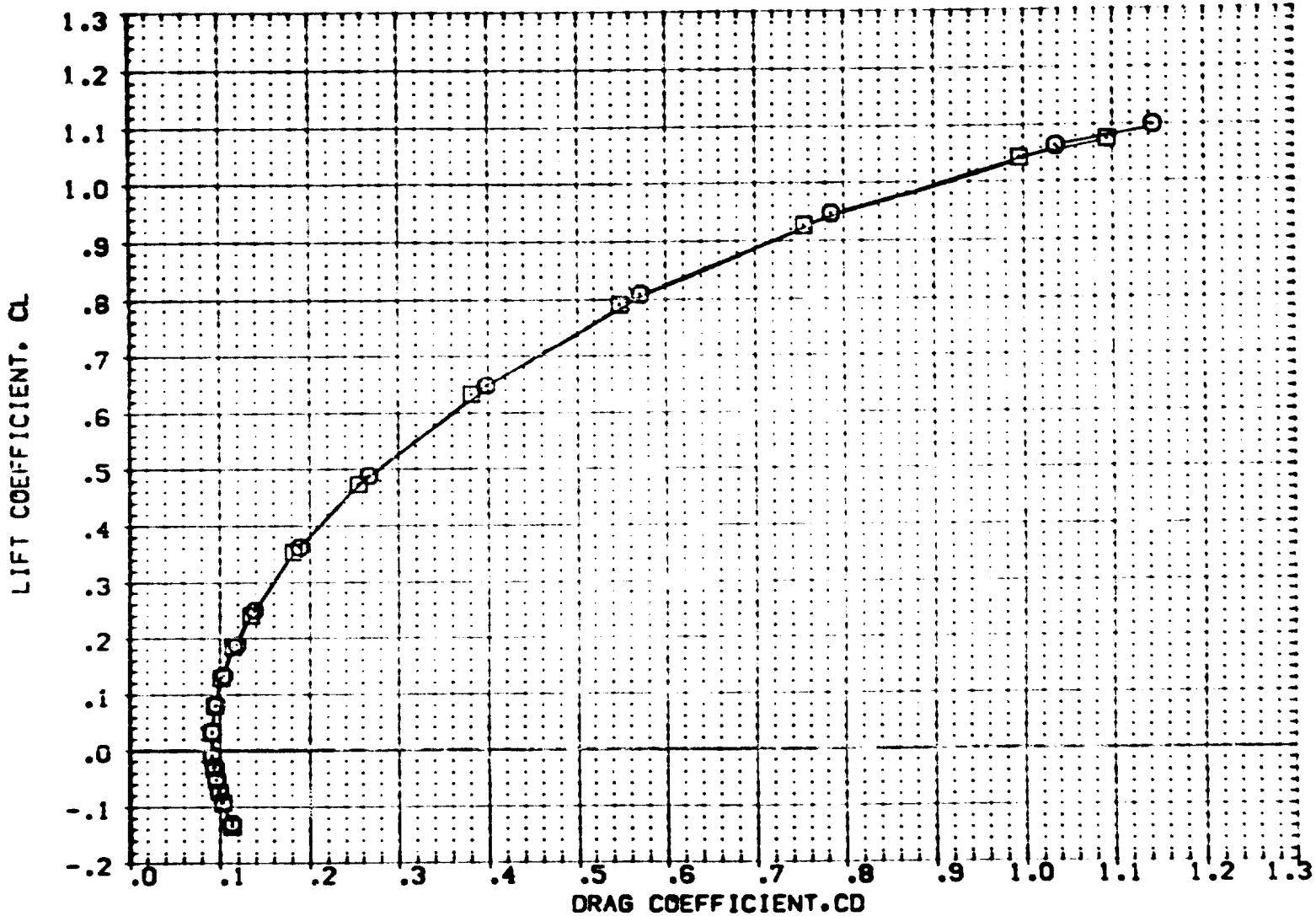


BODY FLAP DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

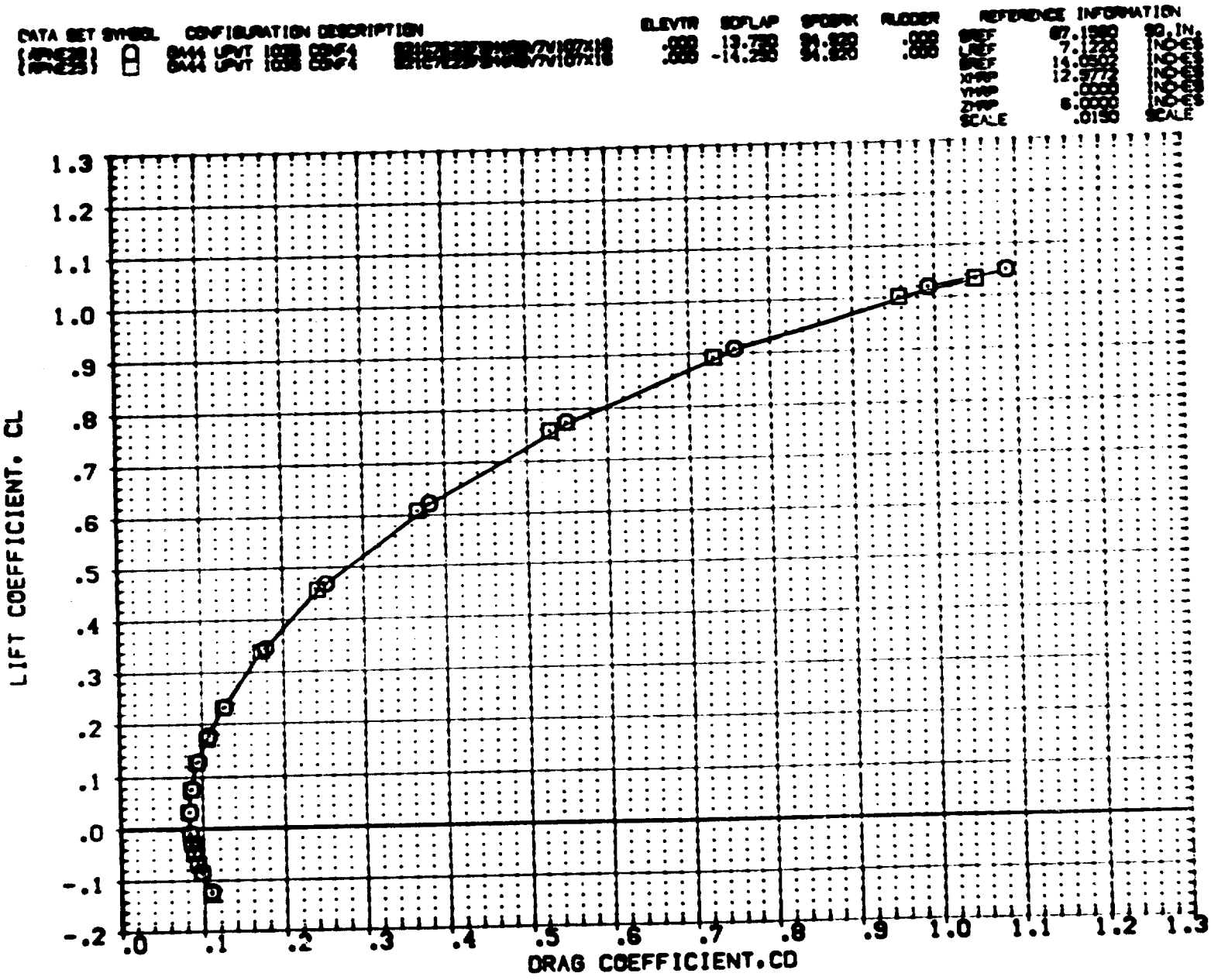
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RFNE28)		8A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	13.750	54.920	.000
(RFNE25)		8A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -13.98 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

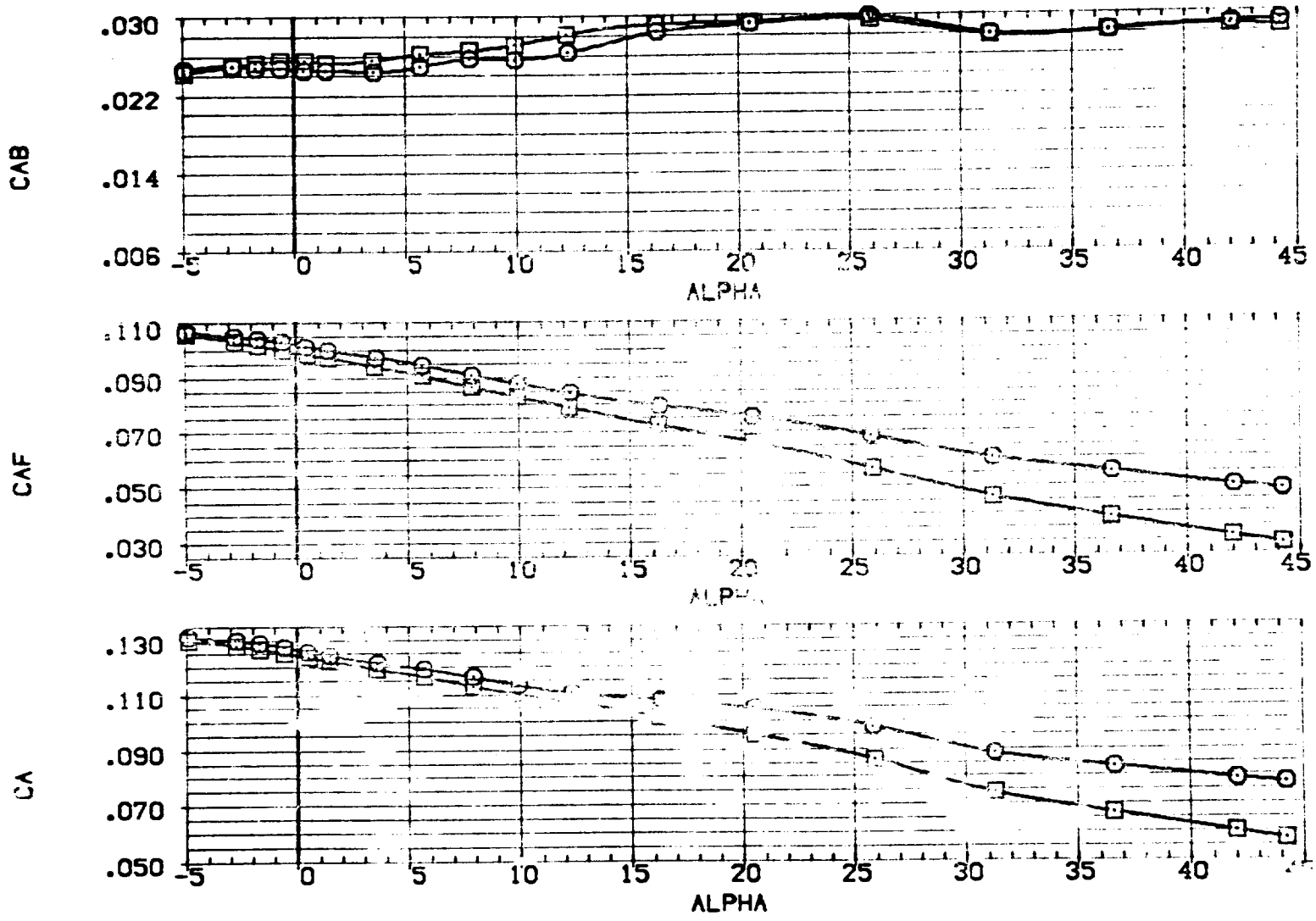


BODY FLAP DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP29) ○	0A44 UPWT 103S CONF4	B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNP25) □	0A44 UPWT 103S CONF4	B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

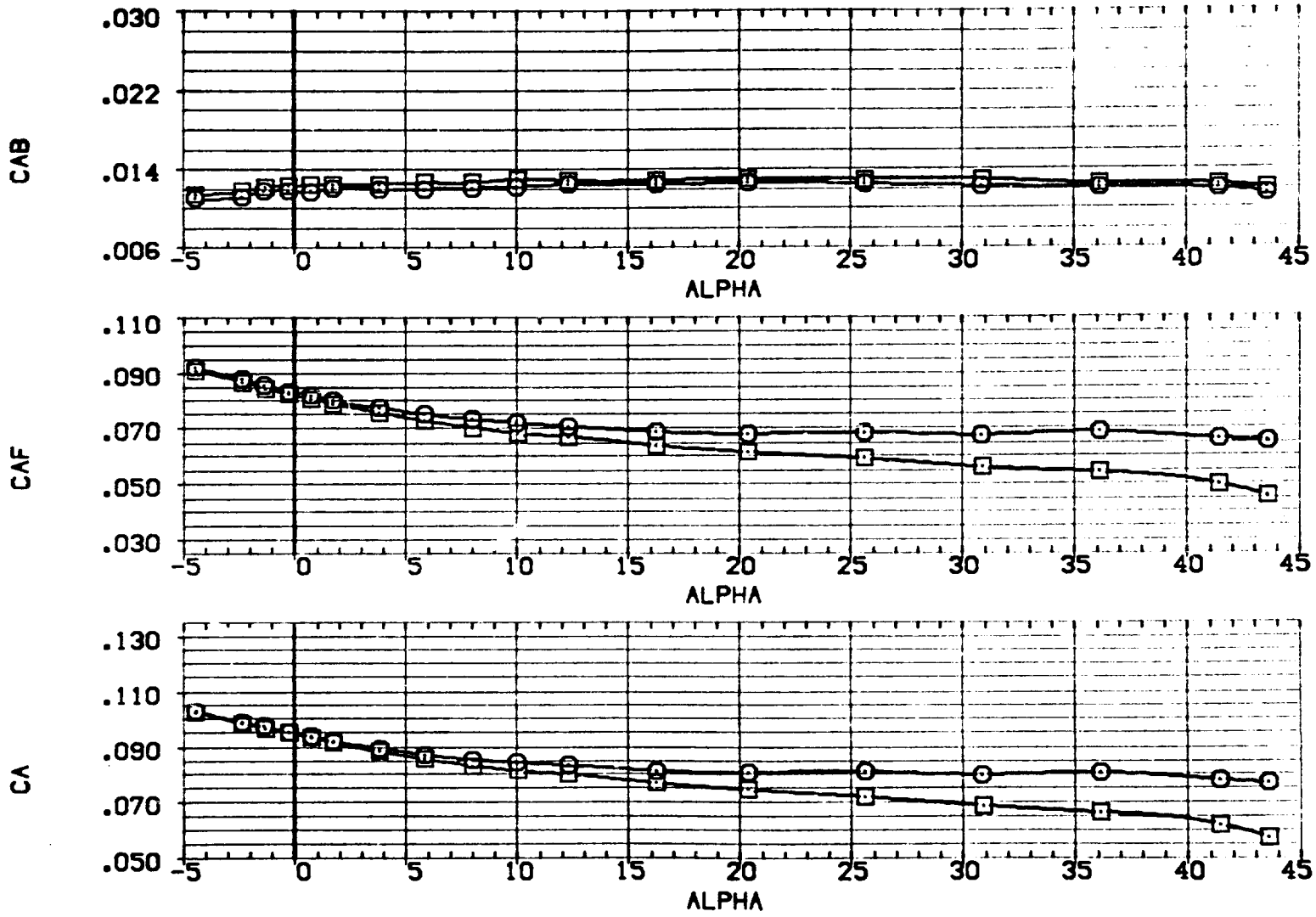


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

MACH = 2.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP20)	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(RPNP25)	0A44 UPVT 1035 CONF4 B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

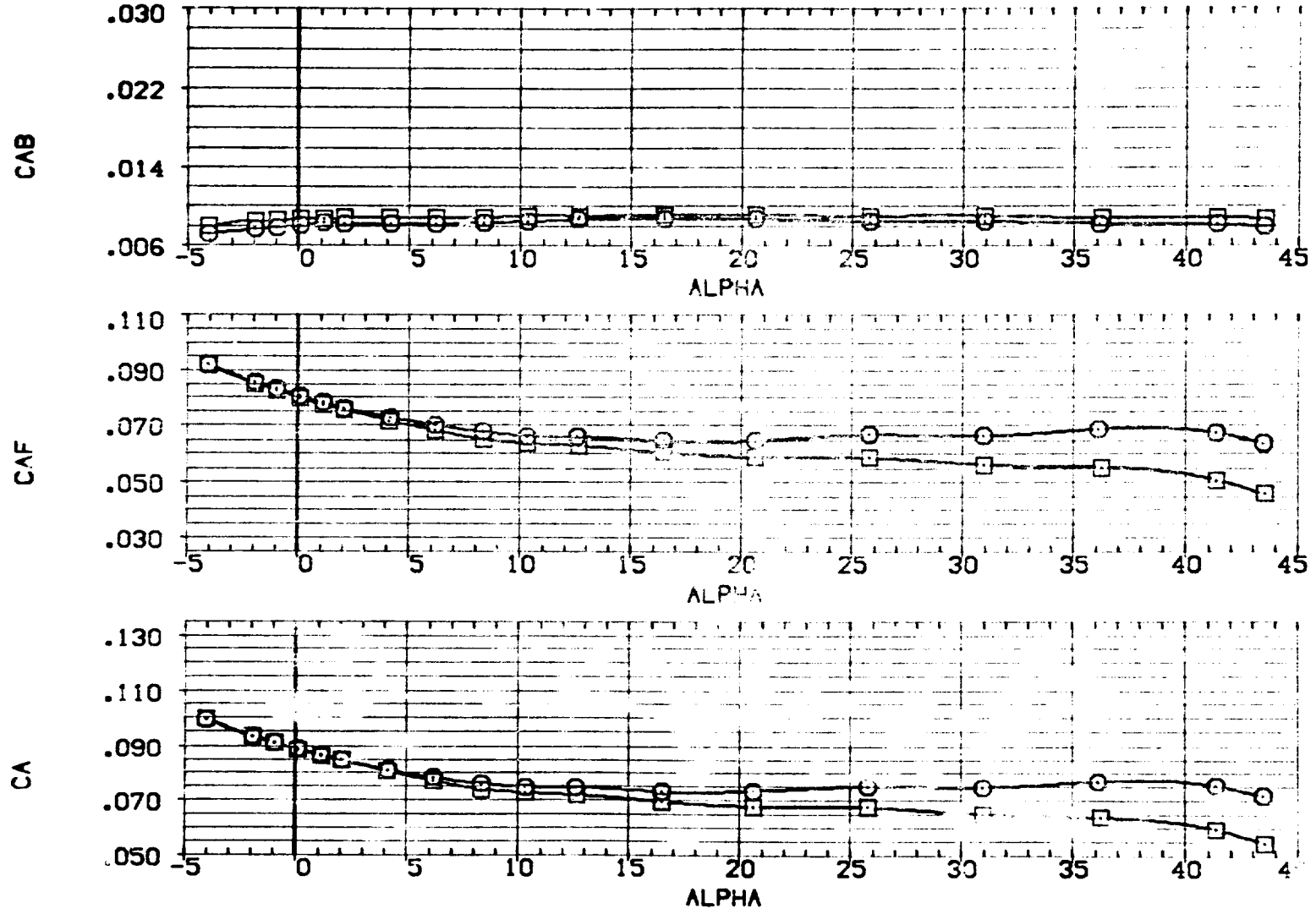


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP29)		0A44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	13.750	54.920	.000
(RPNP25)		0A44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

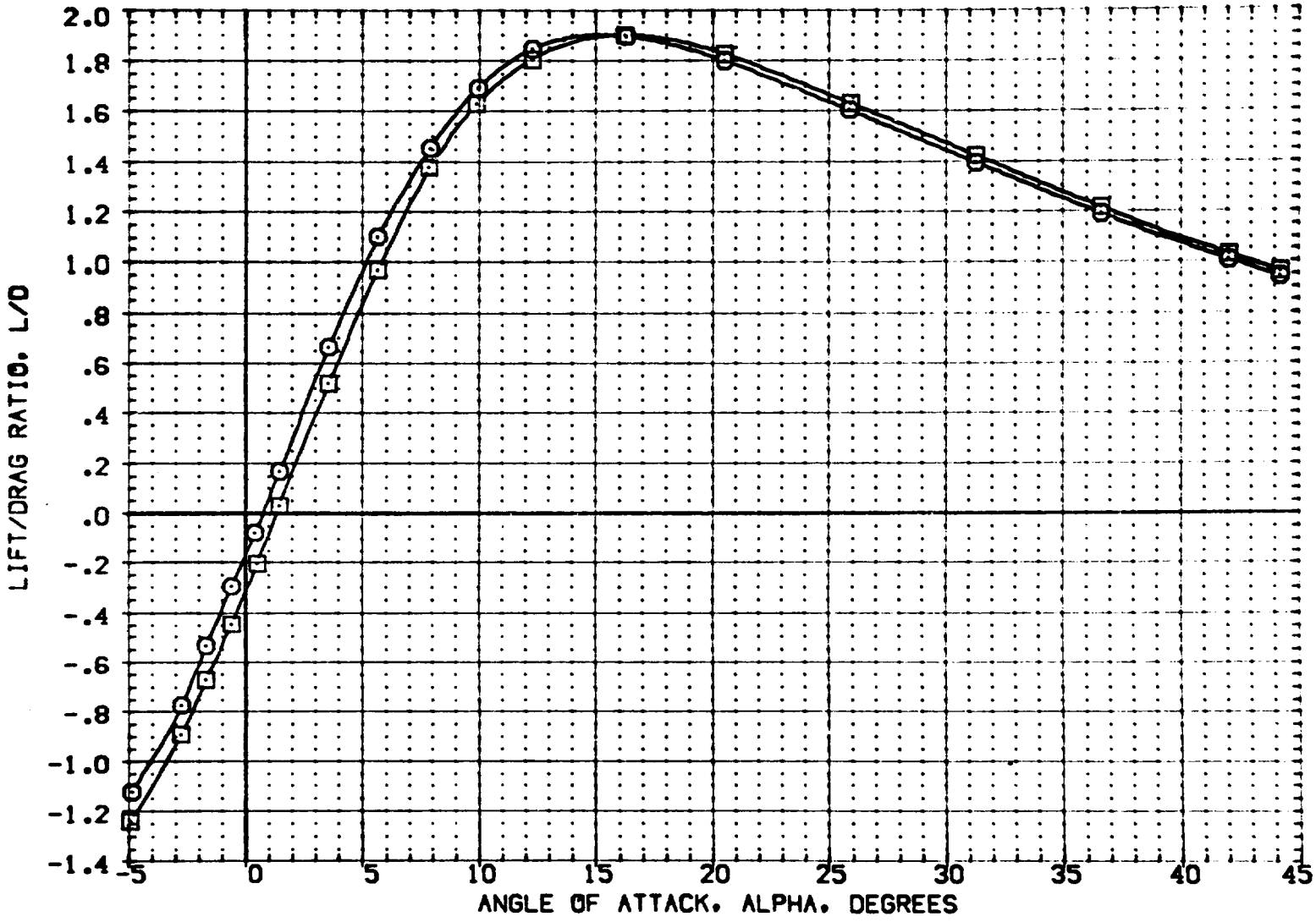


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNP28)	○	0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	13.750	54.920	.000
(RPNP25)	□	0A44 UPVT 1035 CONF4	B21C7E23F3H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

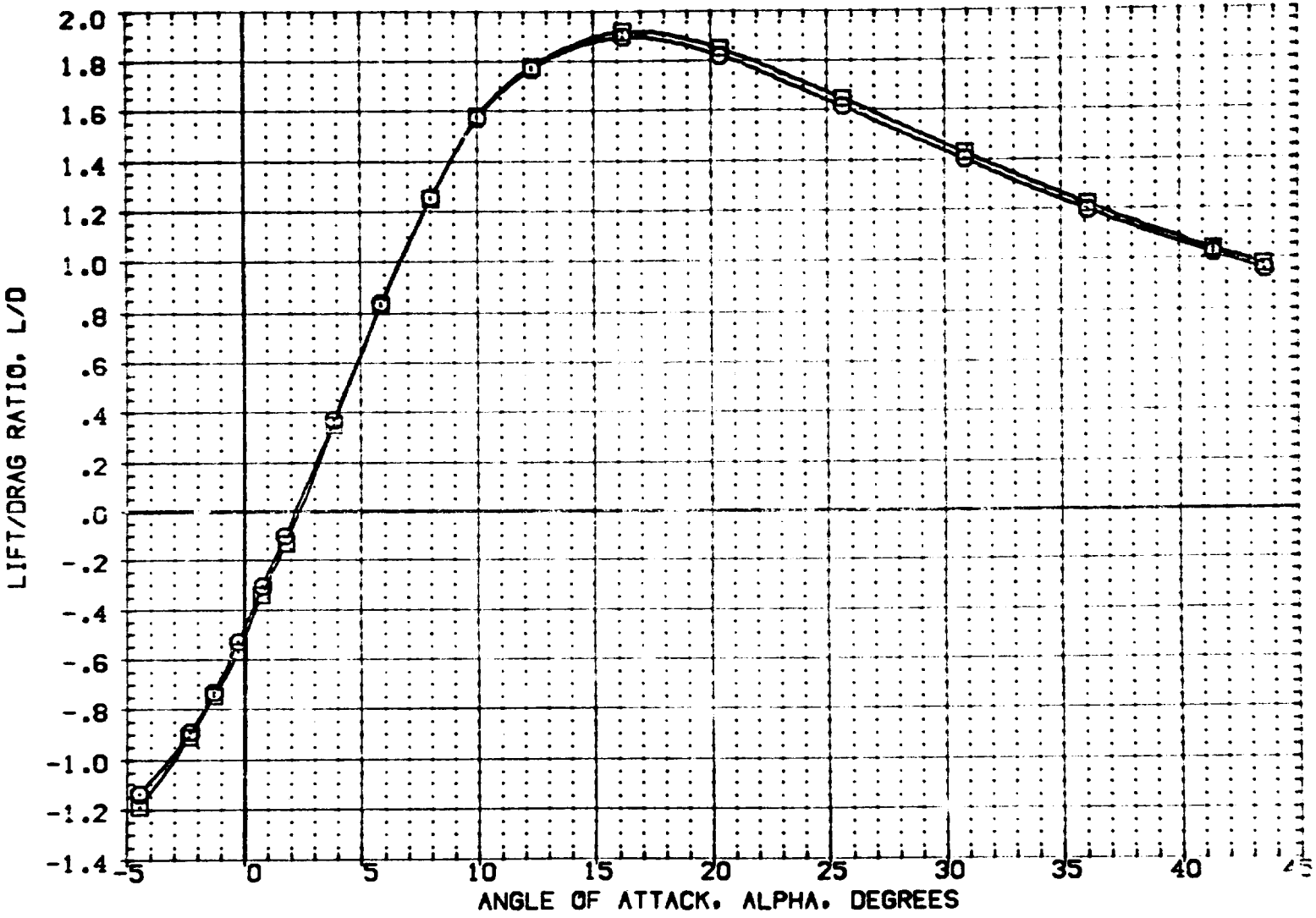


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP28)		0A44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	13.750	54.920	.000
(RPNP25)		0A44 UPVT 1035 CONF4	B21C7E23F5M4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

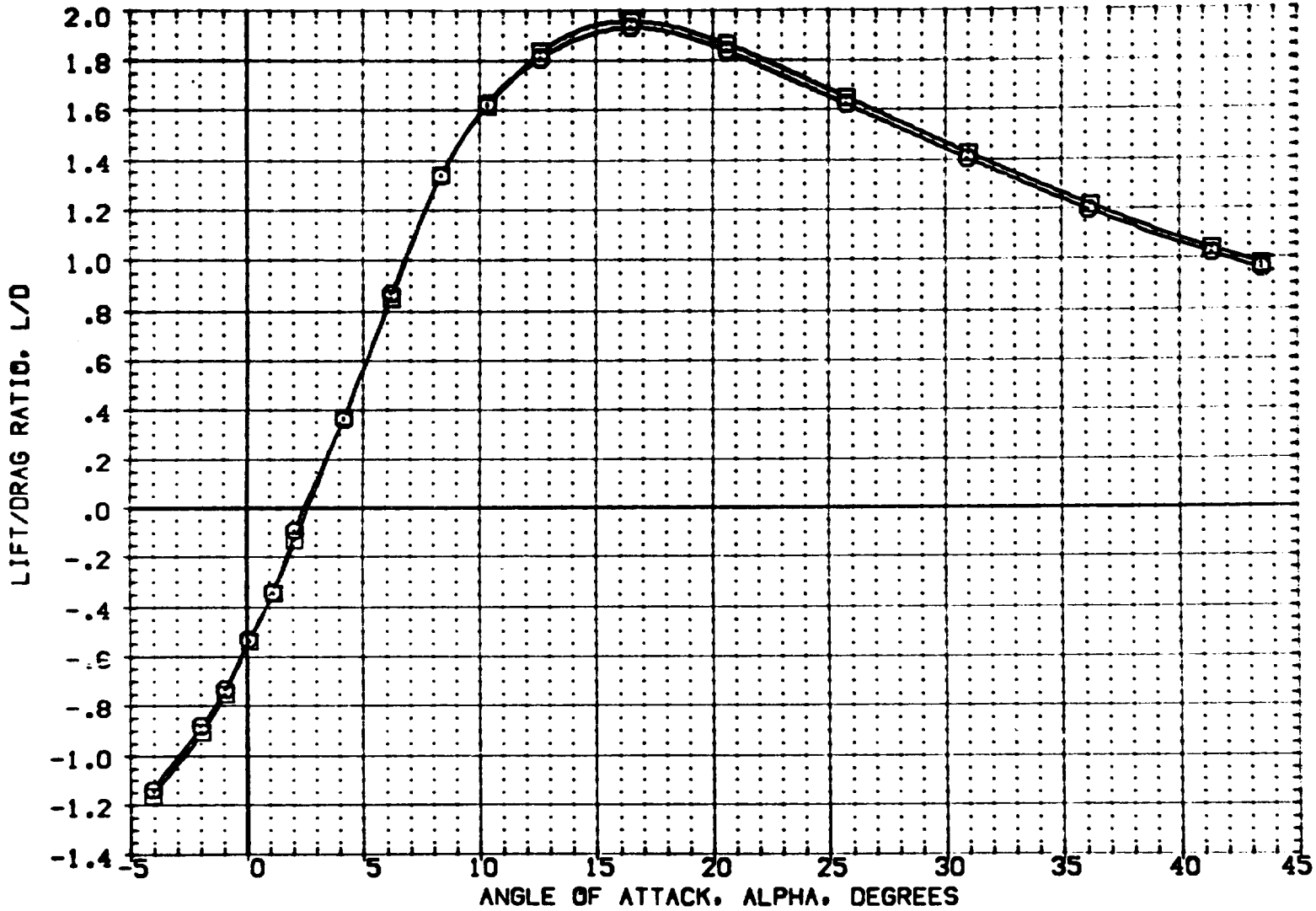


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

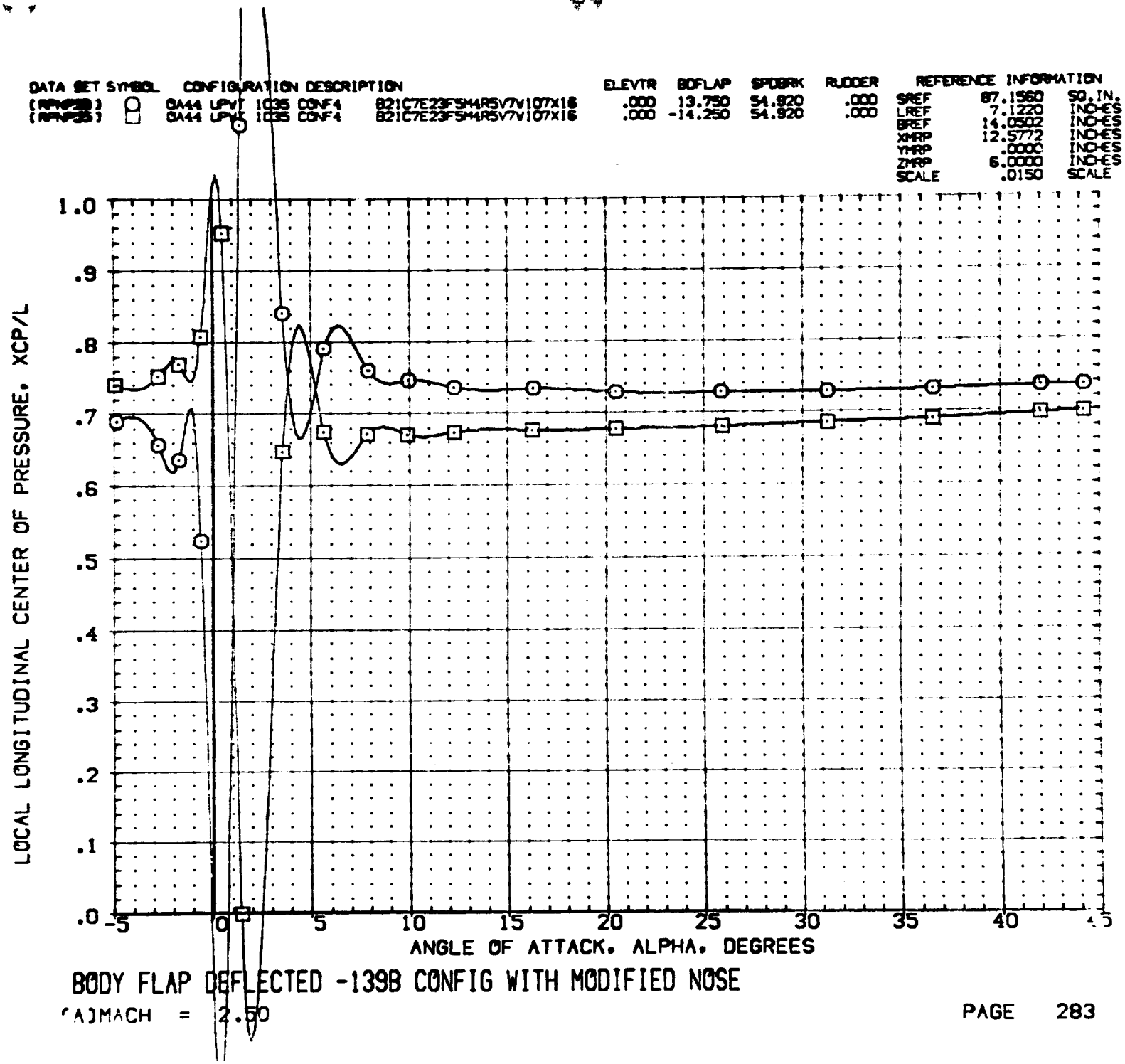
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
{RPNP28}	0A44 UPVT 1085 CONF4	.000	13.750	54.820	.000
{RPNP25}	0A44 UPVT 1085 CONF4	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5772	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



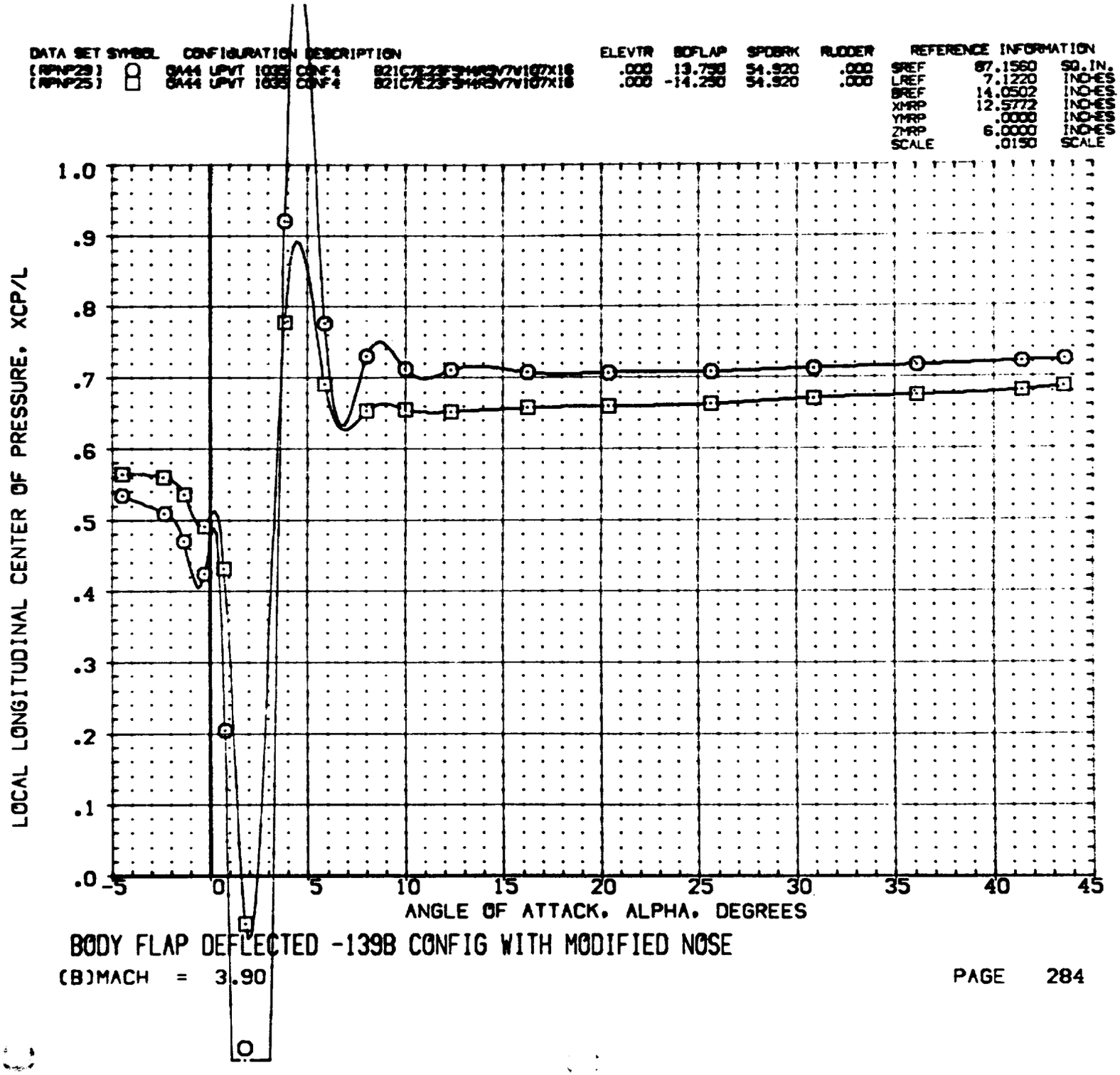
BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60



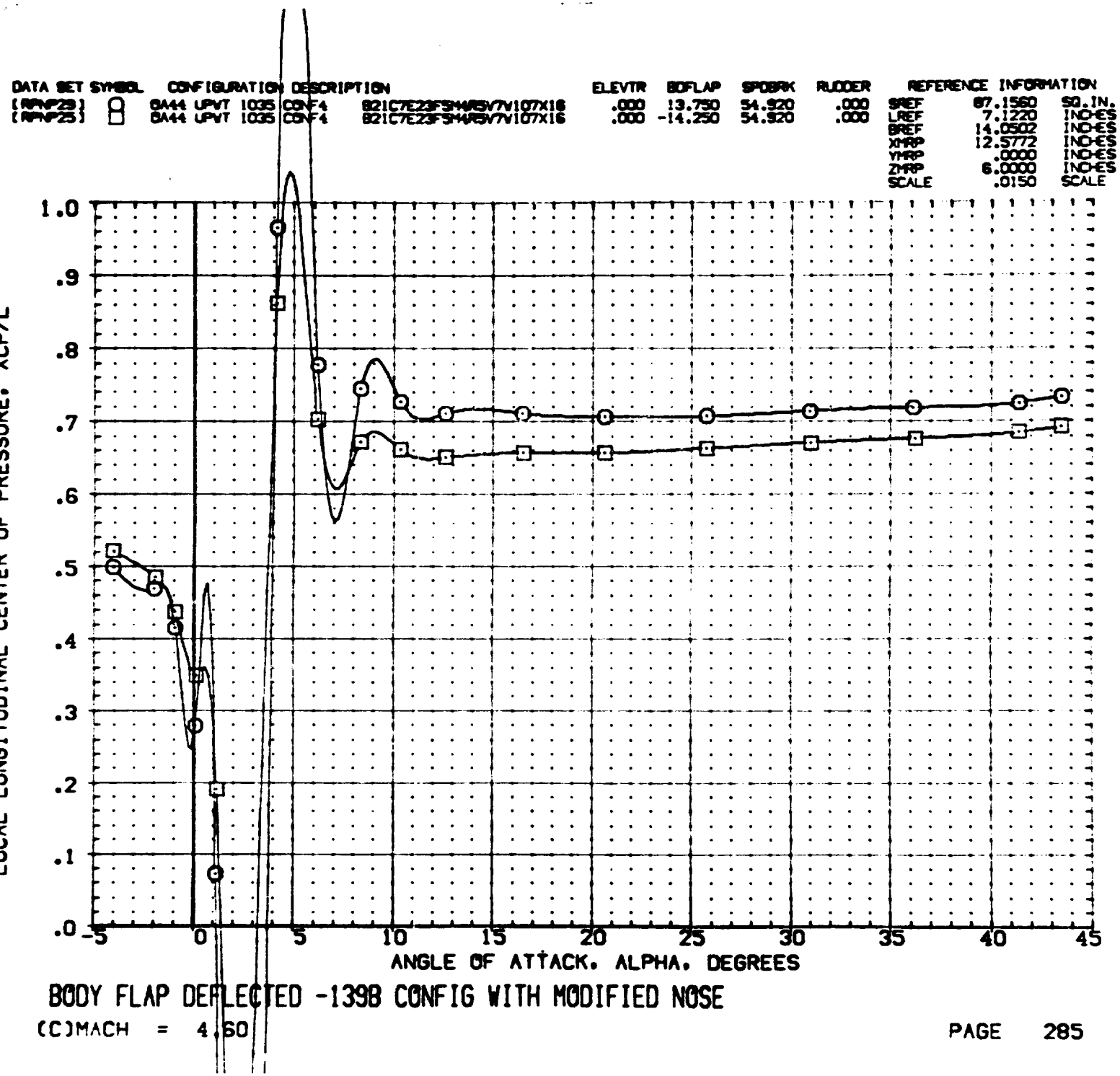
BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50



BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

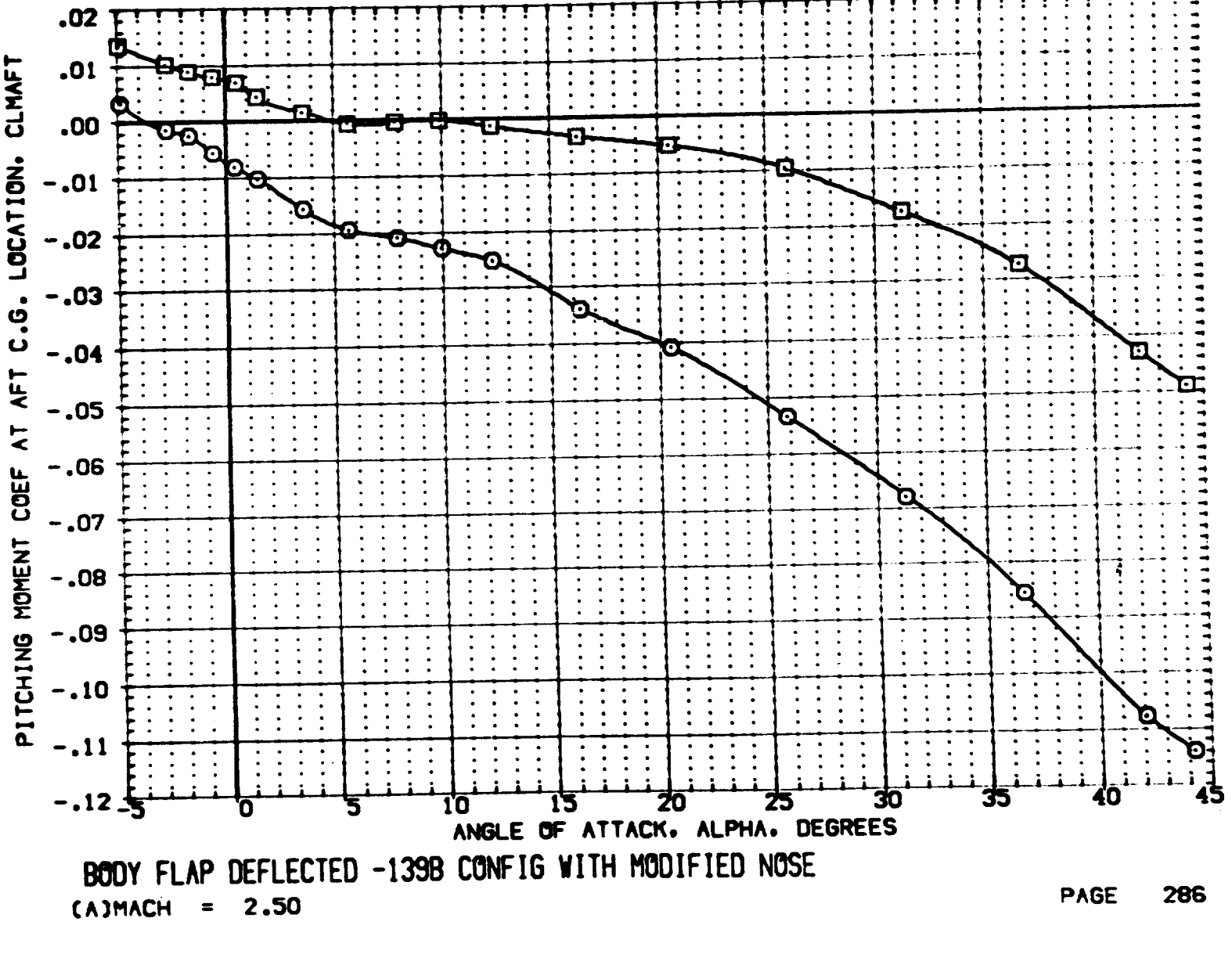


BODY FLAP DEFLECTED -1398 CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
[illegible]	0A44 UPVT 1005 CONFG [illegible]	.000	-13.750	54.920	.000
[illegible]	0A44 UPVT 1005 CONFG [illegible]	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.9600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.[illegible]	INCHES
YMRP	.[illegible]	INCHES
ZMRP	6.[illegible]	INCHES
SCALE	.0150	SCALE

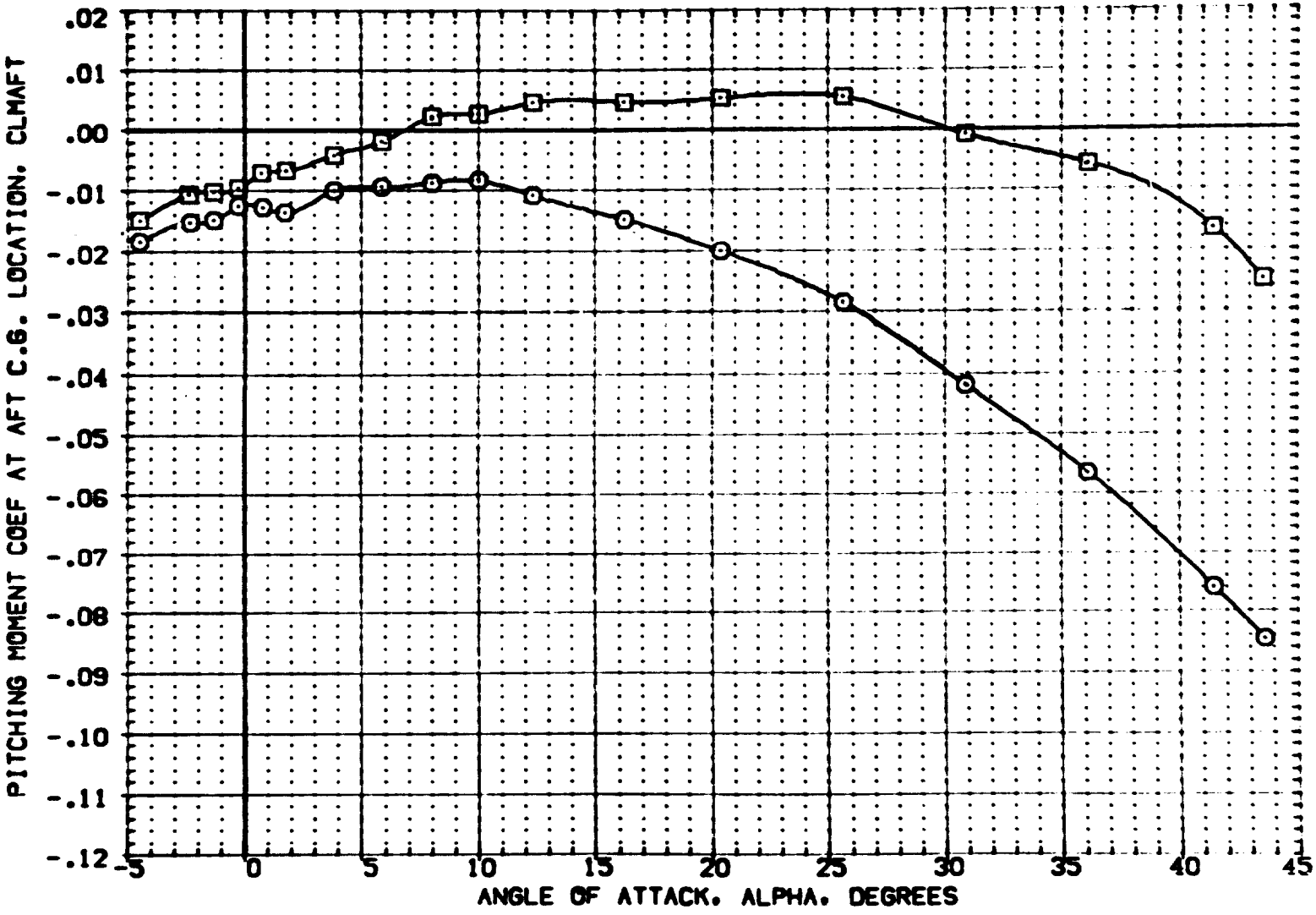


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ELEVTR	BDFLAP	SPOBRK	RUDDER
(MPN228)	□	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	13.750	54.920	.000
(MPN225)	⊟	0A44 UPVT 1035 CONF4	B21C7E23F5H4R5V7V107X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.5600	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	12.5643	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



BODY FLAP DEFLECTED -13.98 CONFIG WITH MODIFIED NOSE

(B)MACH = 3.90

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BDFLAP SPDBRK RUDDER REFERENCE INFORMATION

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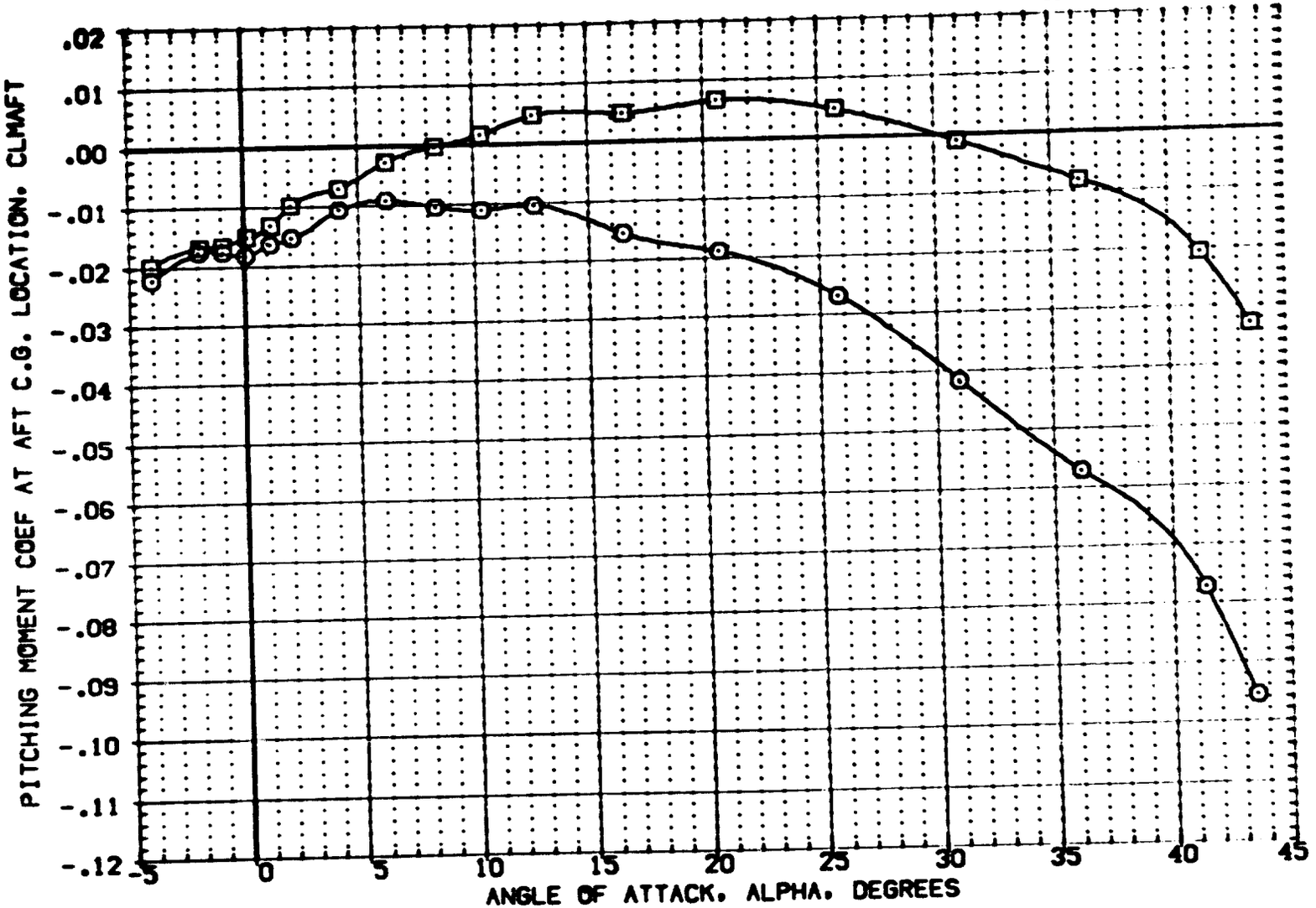
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SCALE .0190 CALCULATED

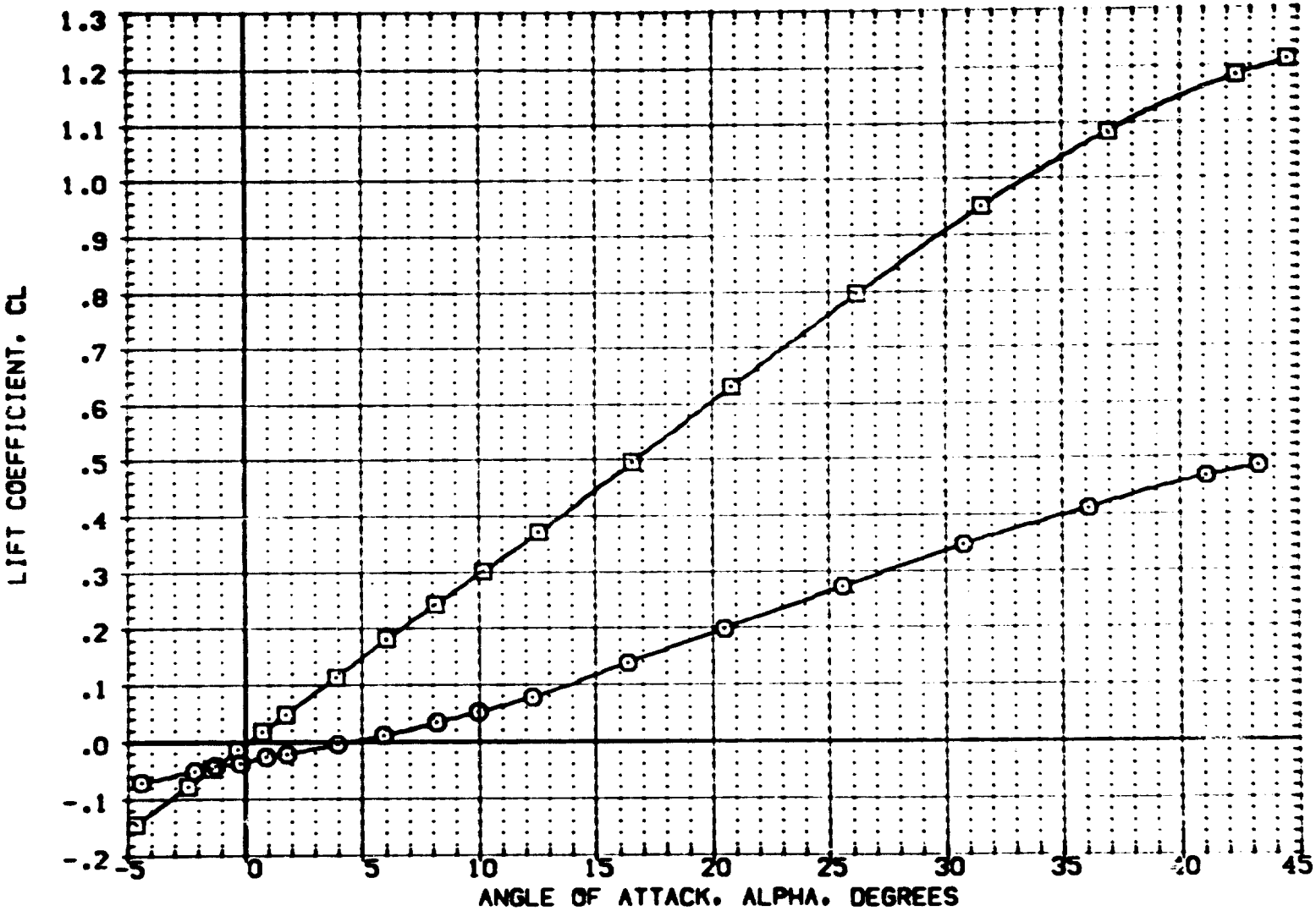


BODY FLAP DEFLECTED -139B CONFIG WITH MODIFIED NOSE

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RUN13)	0A44 UPVT 1005 CONF-2A B10C3D7H0F4X16		-14.230		
(RUN602)	0A44 UPVT 1005 CONF-2A B10C3D7H0F4W87E16R8V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0882	INCHES
XMRP	13.1480	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



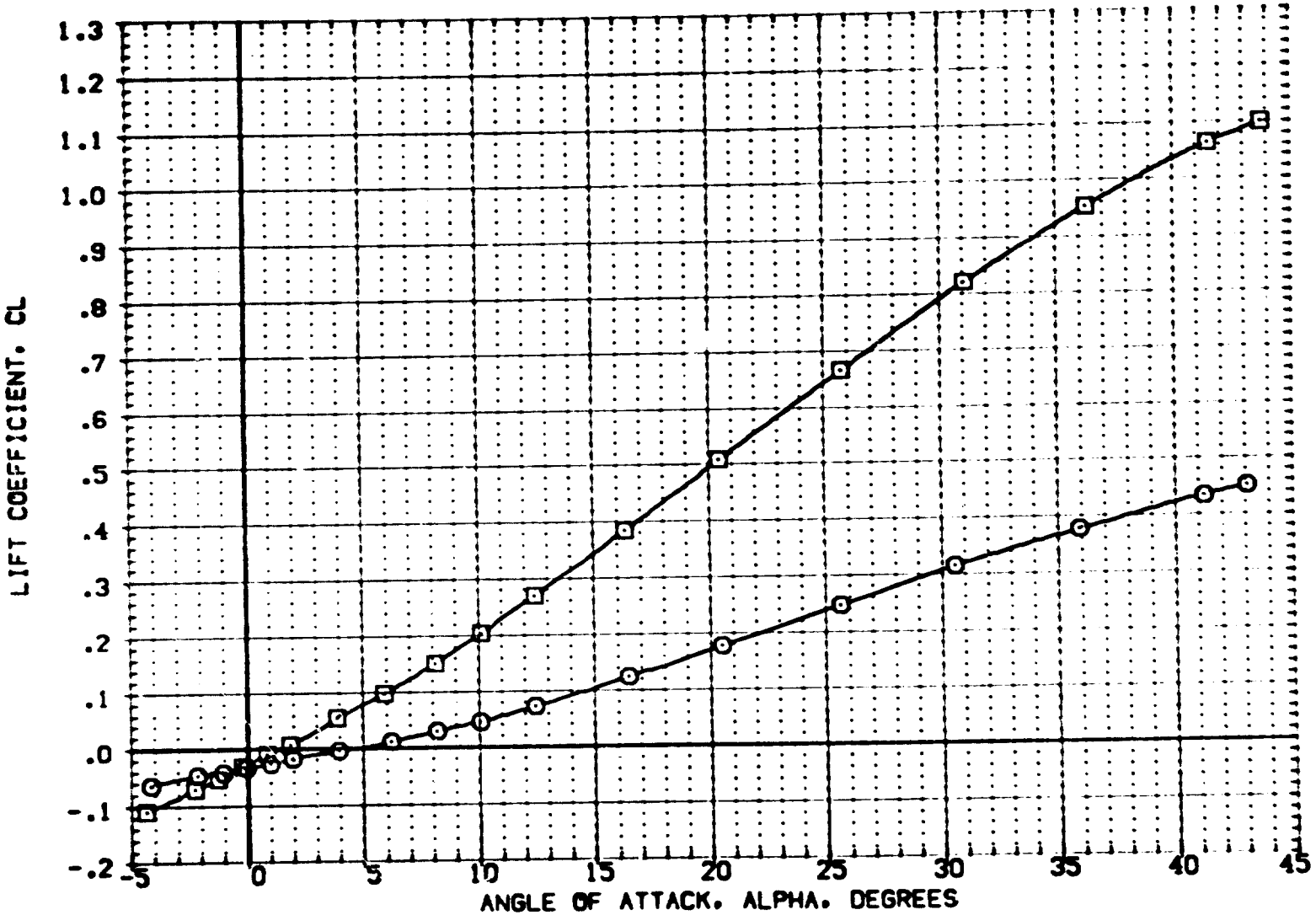
COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE12)	0444 UPVT 1035 CONF-2A B10CB07NCF4X16	.000	-14.250	54.820	.000
(RPN802)	0444 UPVT 1035 CONF-2A B10CB07NCF4W87E10P85V3X16		-14.250		

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

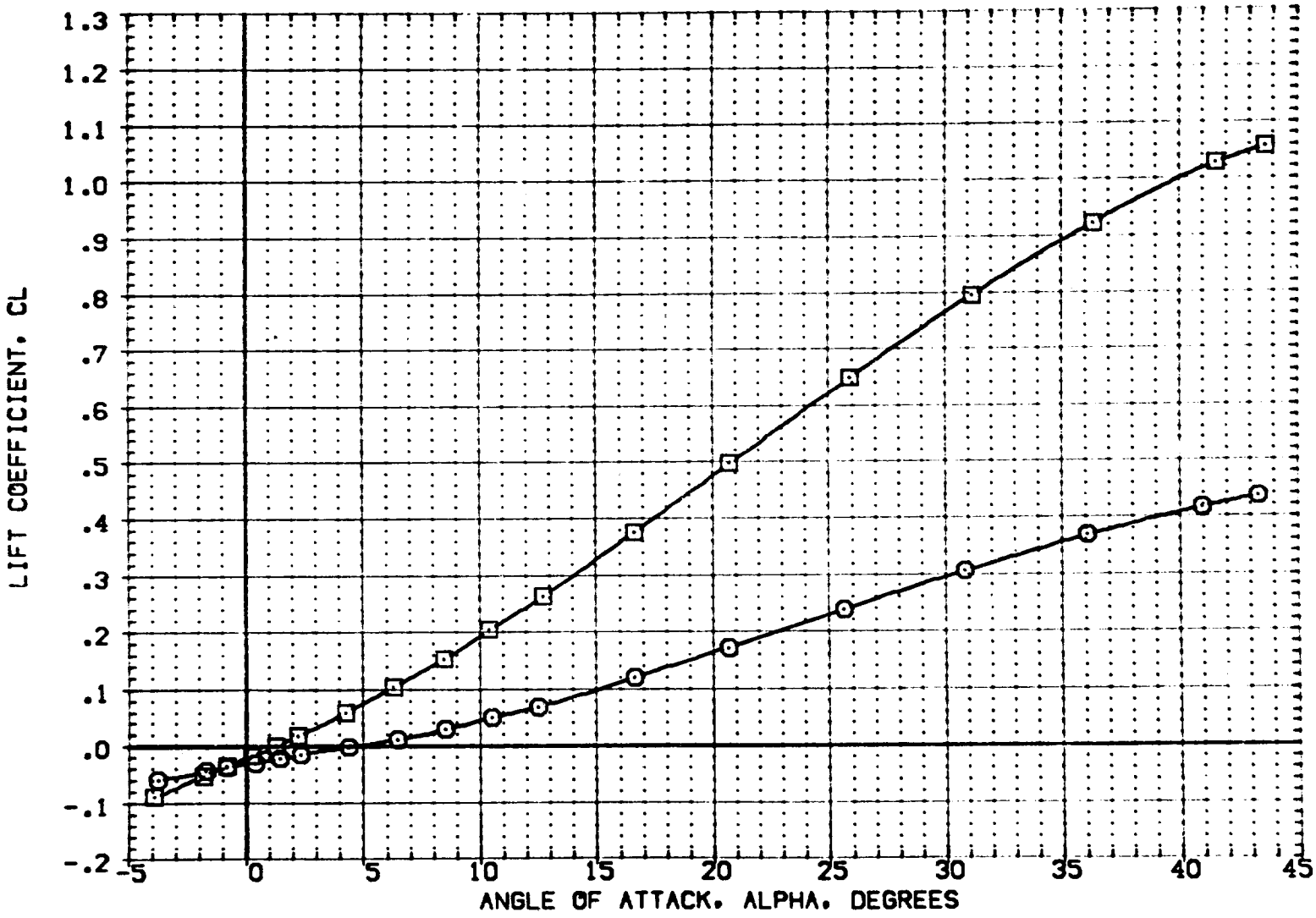


COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE13)	0A44 UPVT 1035 CONF-2A B10C507HGF4X16		-14.250		
(RPNE02)	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

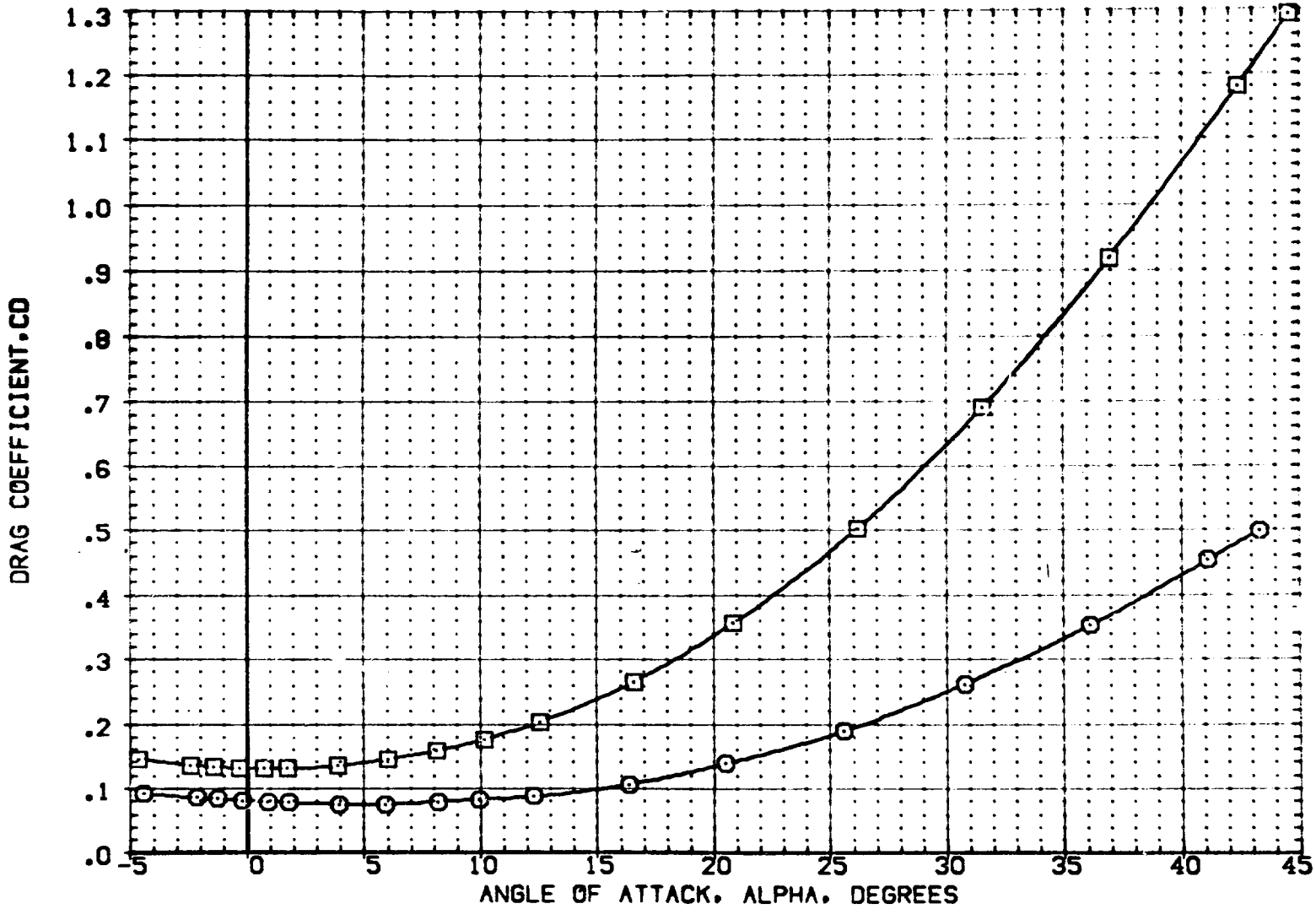


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE13)	0A44 UPVT 1035 CONF-2A B10C5D7M3F4X16		-14.250		
(RPNE02)	0A44 UPVT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

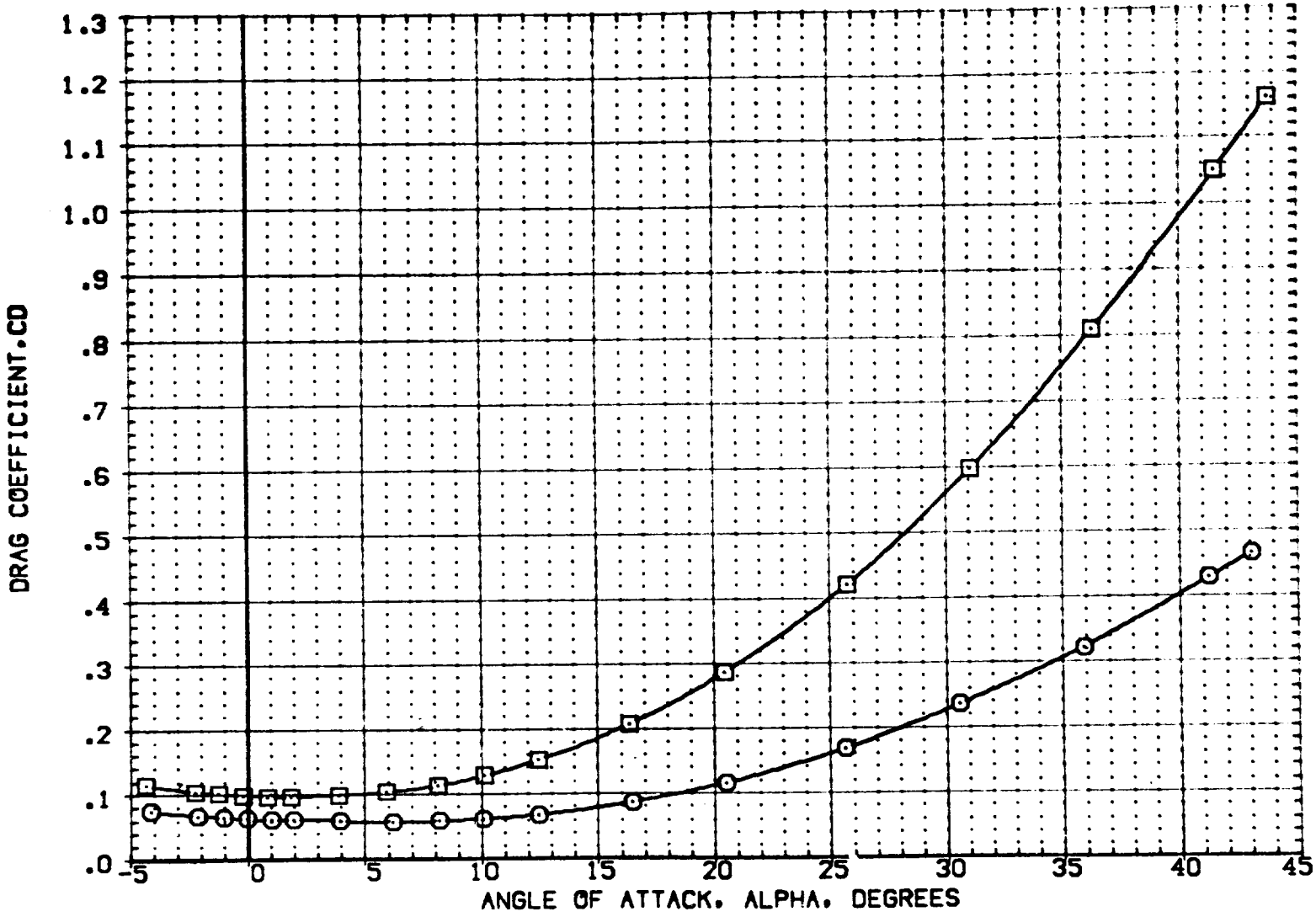


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
(RPNE[illegible])	0A44 UPVT 1035 CONF-2A B10C507M3F4W87E16R5V5X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	8.0000	INCHES
SCALE	.0150	SCALE



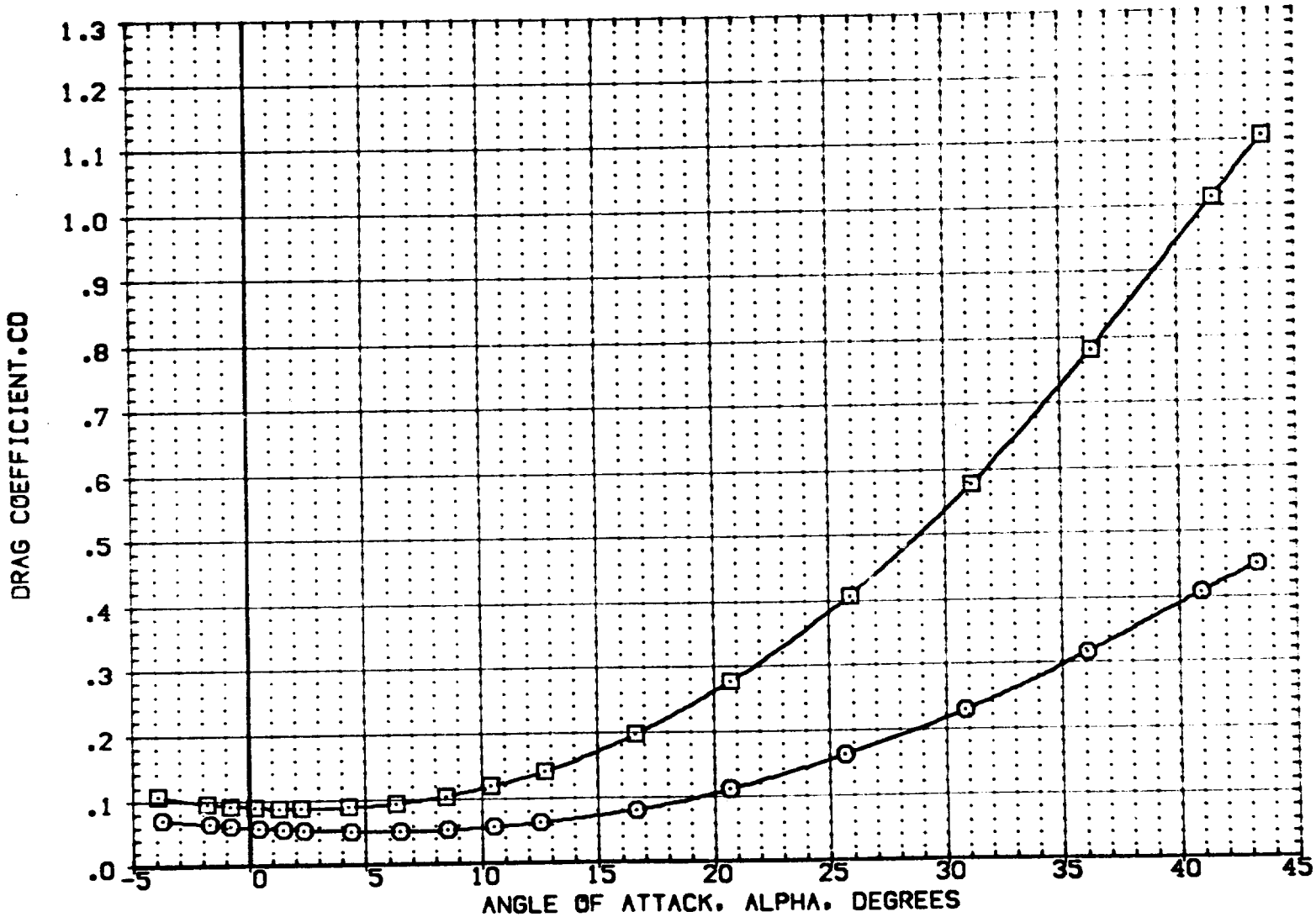
COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNE13]	0A44 UPVT 1035 CONF-2A B10C30?/HOF4X16		-14.250		
[RPNE02]	0A44 UPVT 1035 CONF-2A B10C30?/HOF4V8?E16R8V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

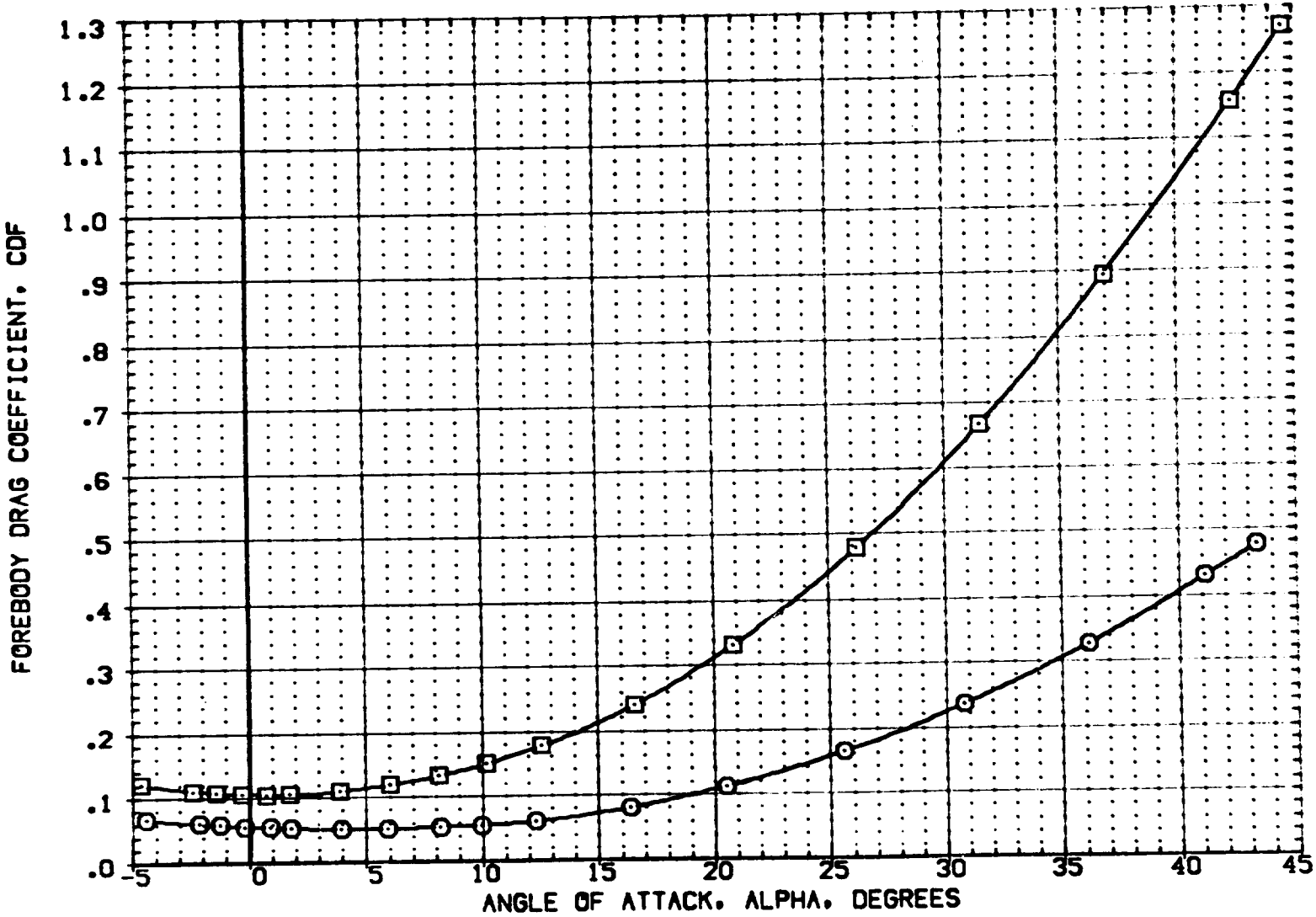


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[RPNE13]	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
[RPNE02]	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

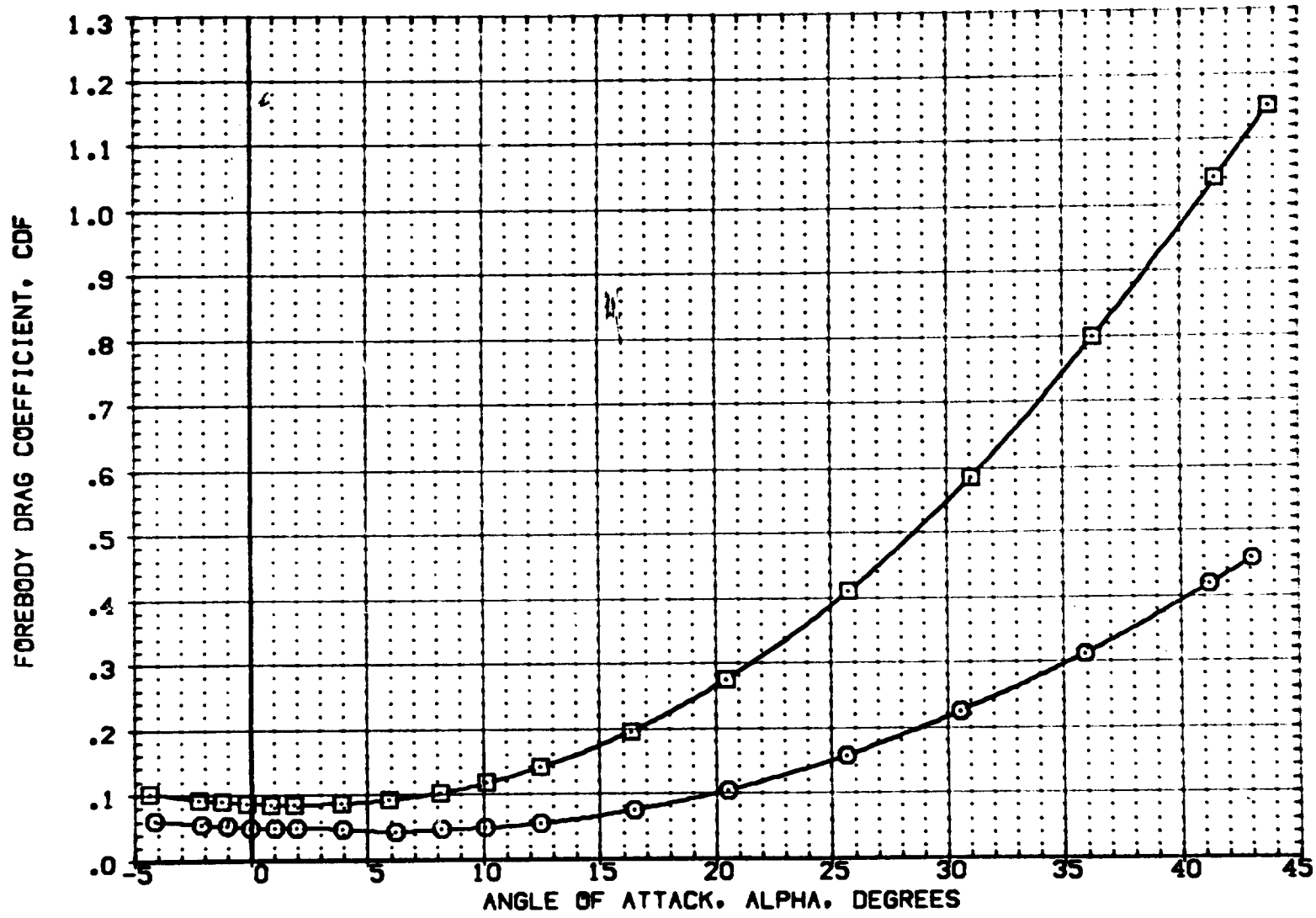


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
{RPNE13}	0A44 UPVT 1035 CONF-2A B10C307HGF4X16		-14.250		
{RPNE02}	0A44 UPVT 1035 CONF-2A B10C307HGF4W7E16RSV5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1458	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

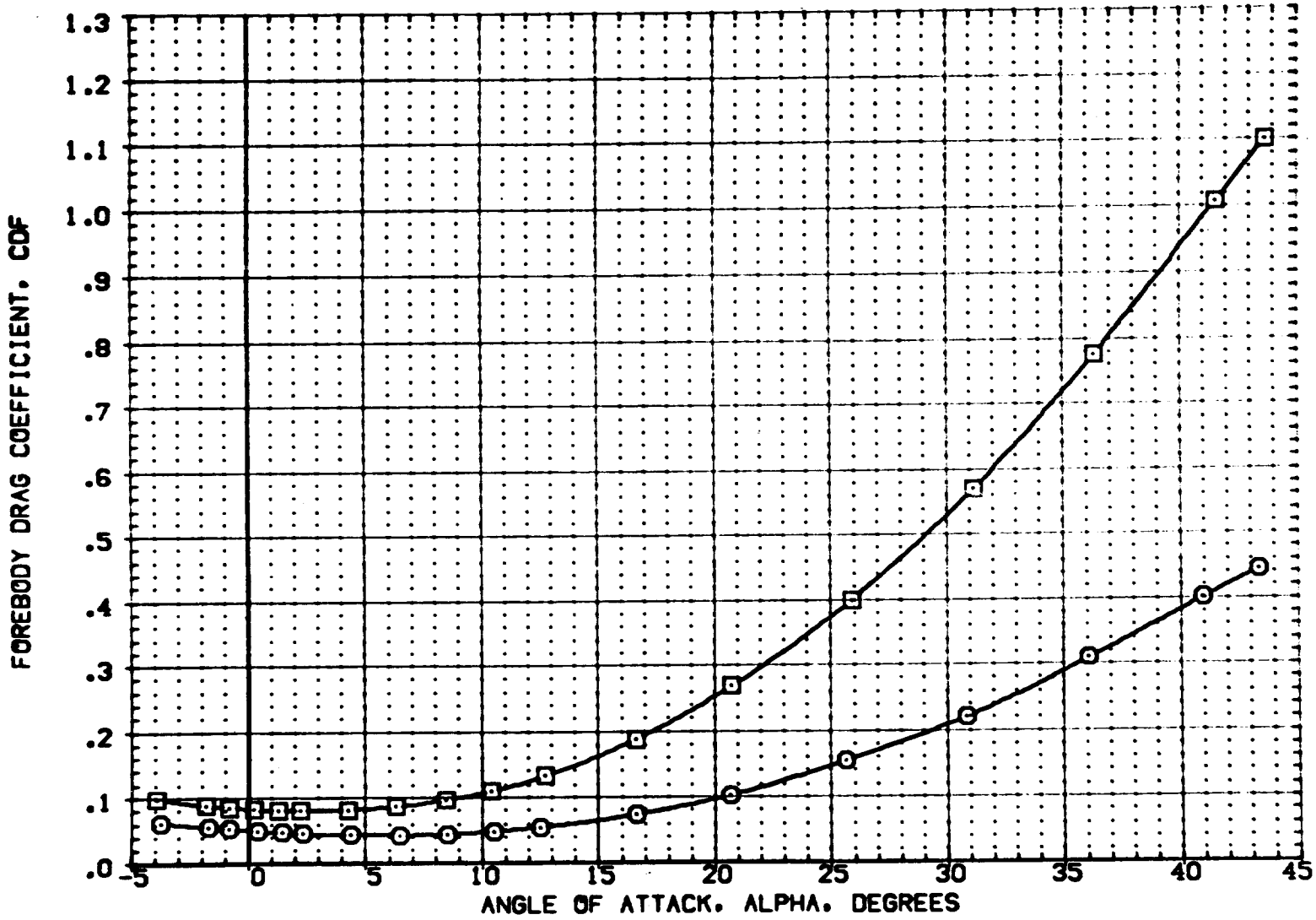


COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.9

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)	0444 UPVT 1035 CONF-2A B10C307H3F4X16		-14.250		
(RPNE02)	0444 UPVT 1035 CONF-2A B10C307H3F4W87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0900	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

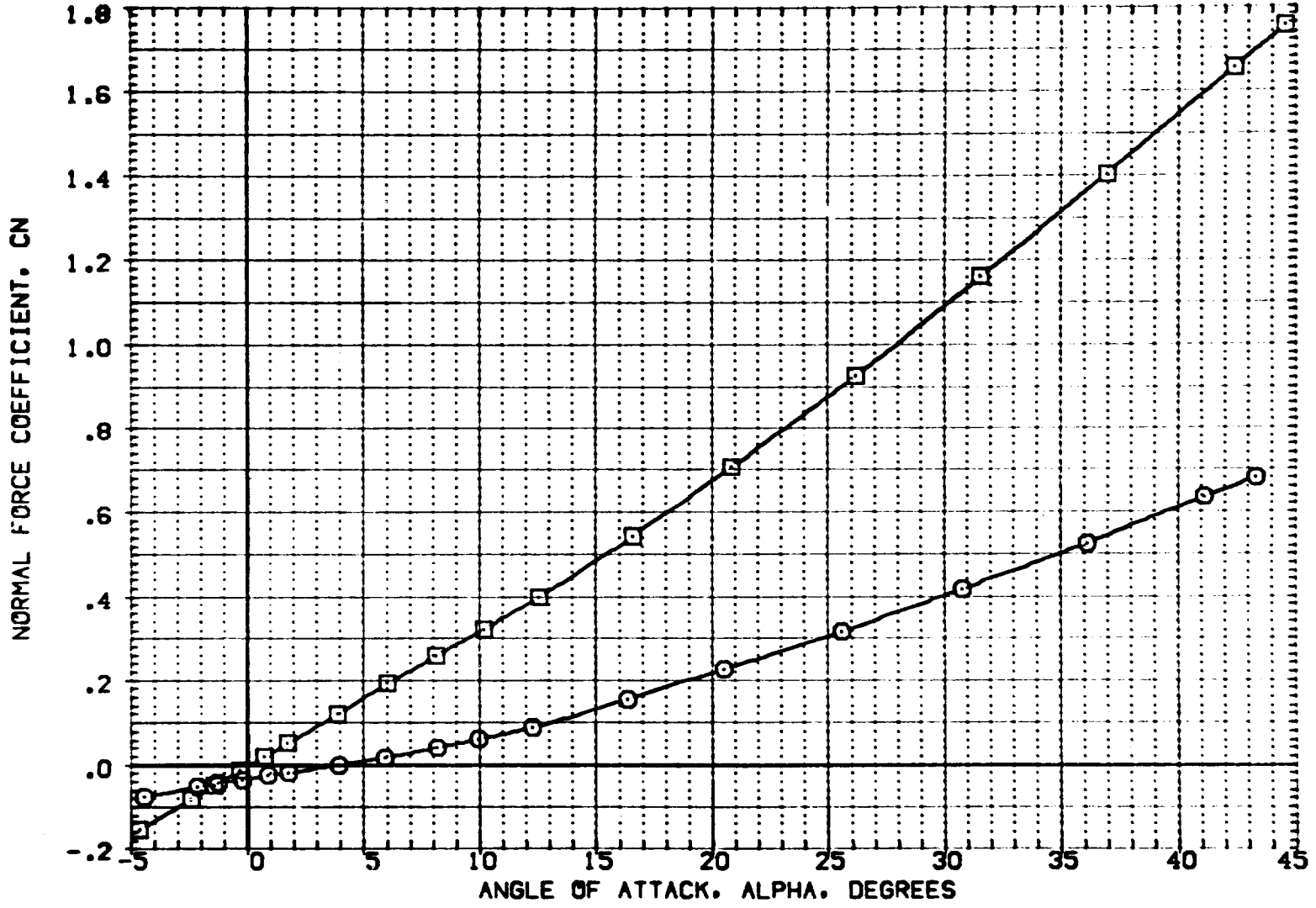


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNG13)	0A44 UPVT 1088 CONF-2A B10CB07MDF4X18		-14.250		
(RPNG02)	0A44 UPVT 1088 CONF-2A B10CB07MDF4V87E18RBVBX18	.000	-14.250	94.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

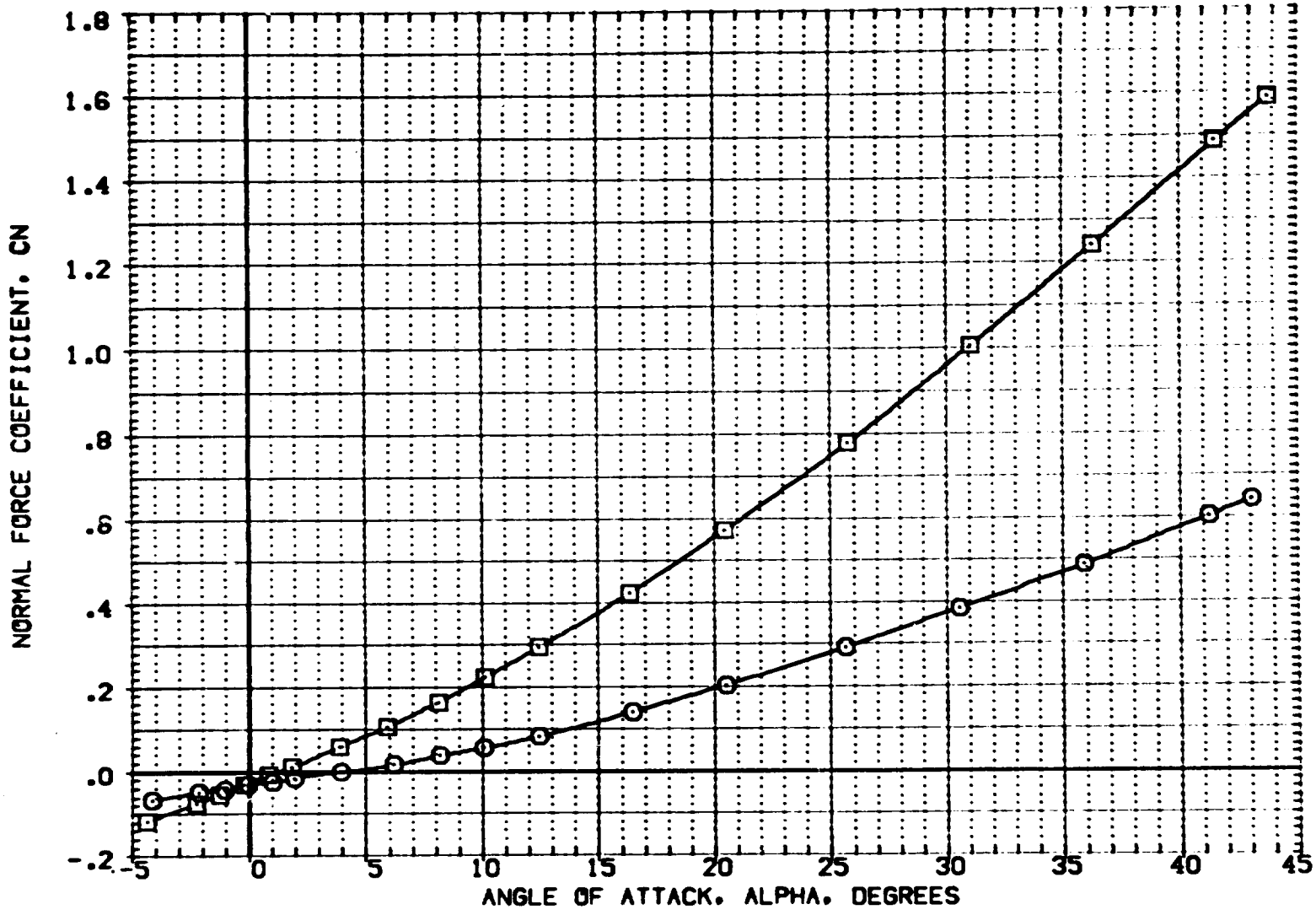


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE13)		0A44 UPVT 1035 CONF-2A B10C5D7M3F4X16		-14.250		
(RPNE02)		0A44 UPVT 1035 CONF-2A B10C5D7M3F4W87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



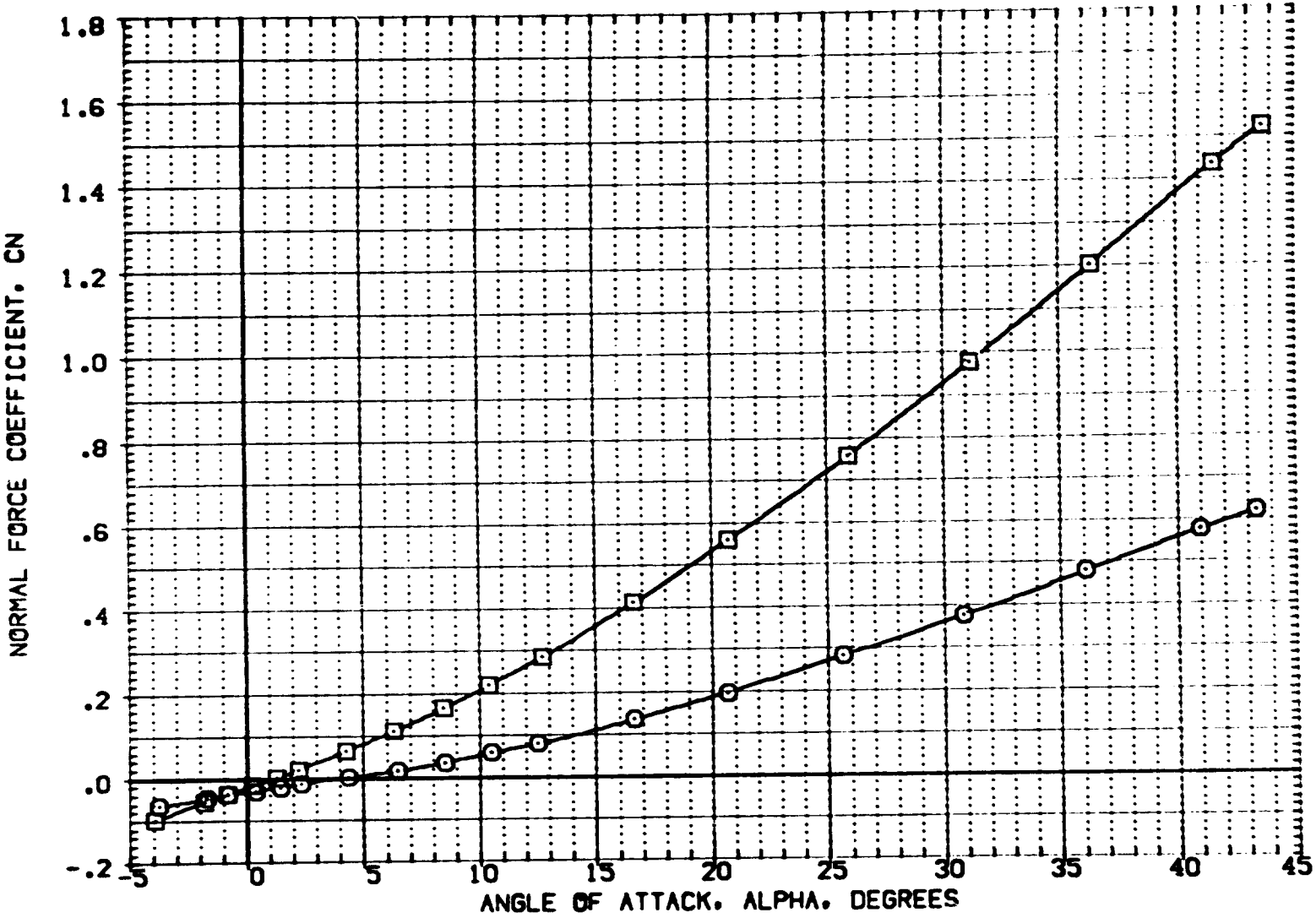
COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)	0A44 UPVT 1035 CONF-2A B10C507MGF4X16		-14.250		
(RPNE02)	0A44 UPVT 1035 CONF-2A B10C507MGF4V07E10R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0080	INCHES
SCALE	.0150	SCALE

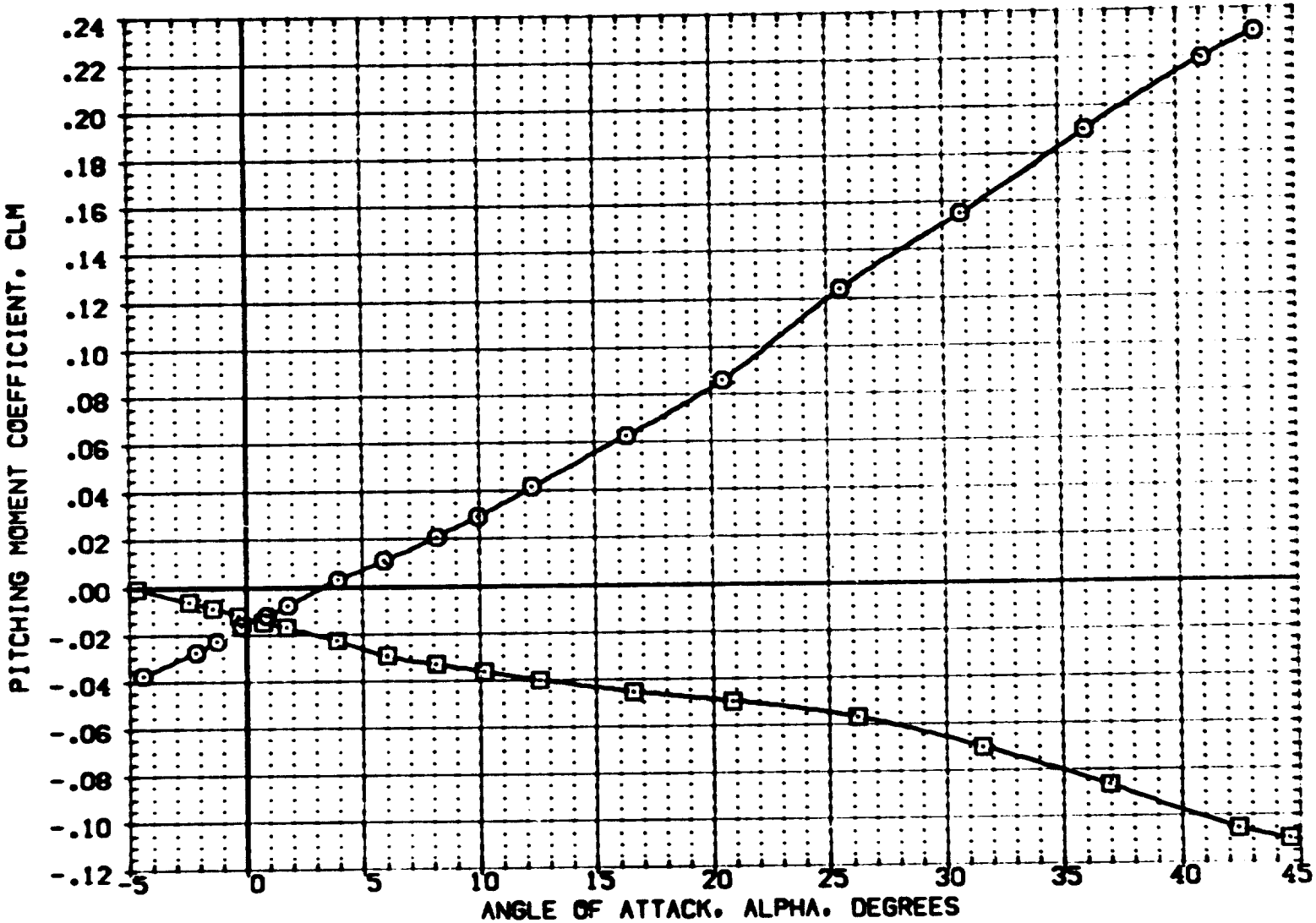


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RUNE13)	DA44 UPVT 1035 CONF-2A B10C3D7H3F4X16		-14.250		
(RUNE02)	DA44 UPVT 1035 CONF-2A B10C3D7H3F4V87E18R3V3X16	.000	-14.250	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0900	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

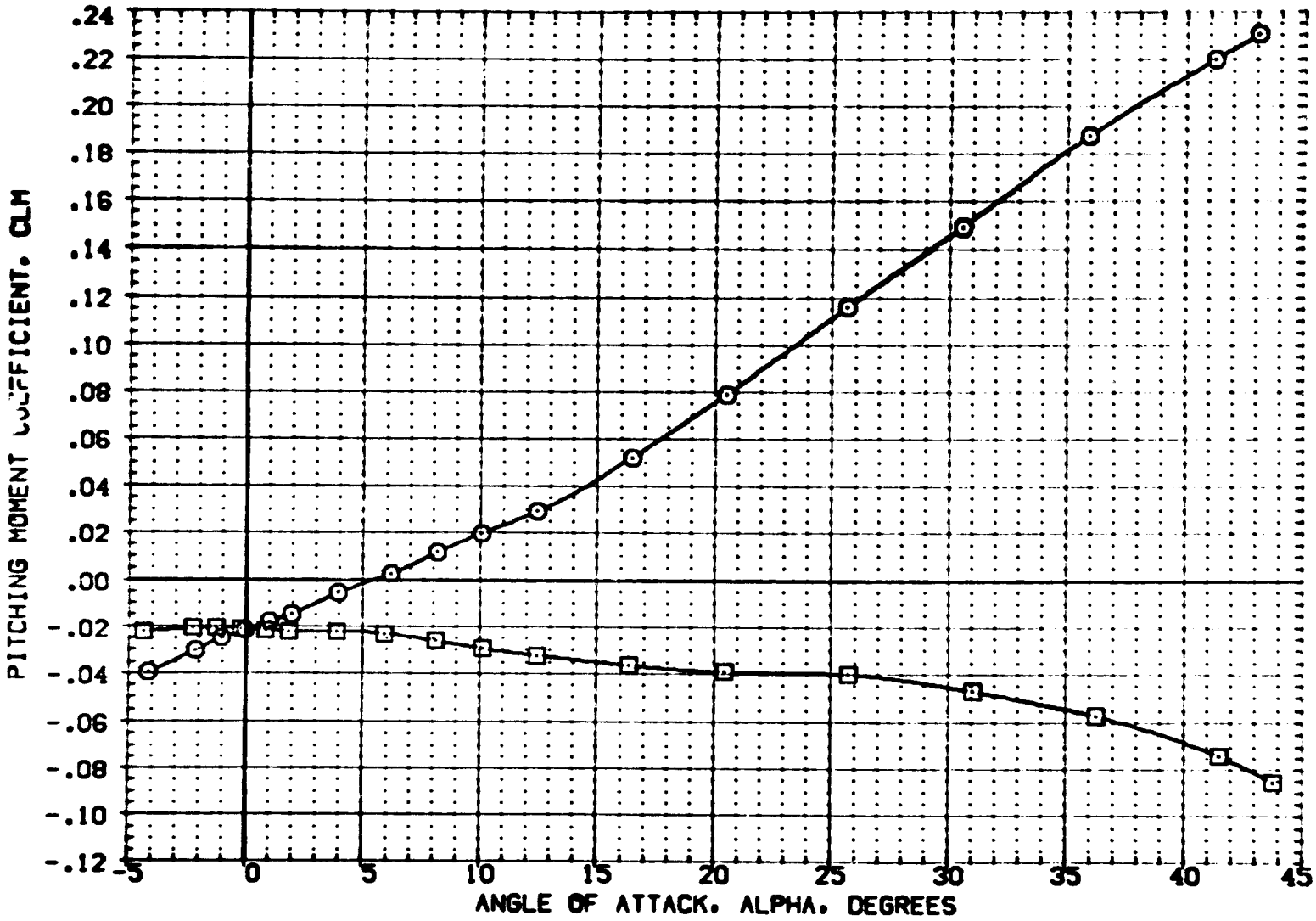


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RUN 13)	0444 UPVT 1095 CONF-2A B10C307HDF4X18		-14.230		
(RUN 02)	0444 UPVT 1095 CONF-2A B10C307HDF4W87E18R5V5X18	.000	-14.230	54.820	.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

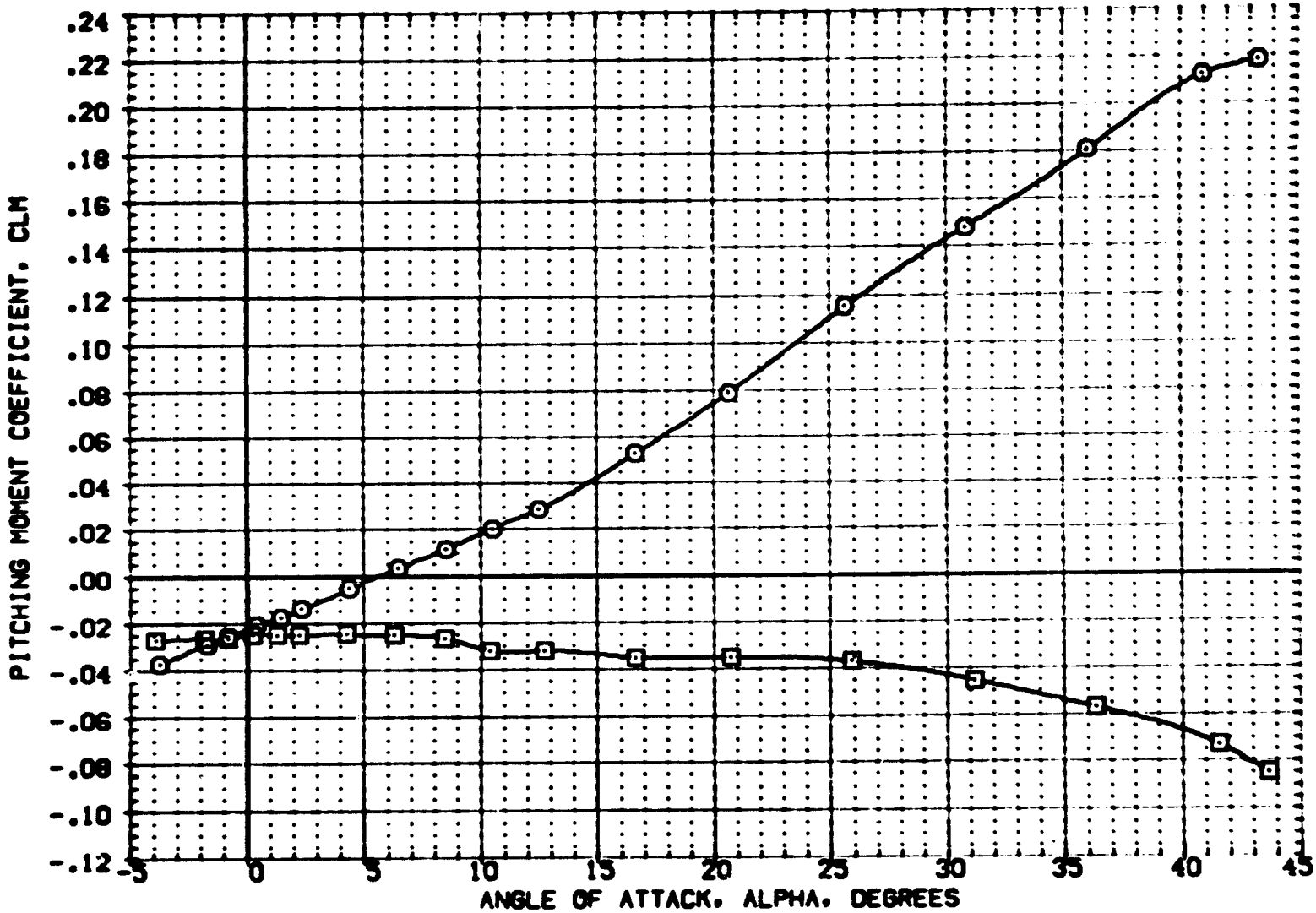


COMPONENT BUILDUP -898 CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOIRK	RUDDER
[illegible]	8 0A44 UPVT 1035 CONF-2A [illegible]		-14.250		
[illegible]	0A44 UPVT 1035 CONF-2A [illegible]	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

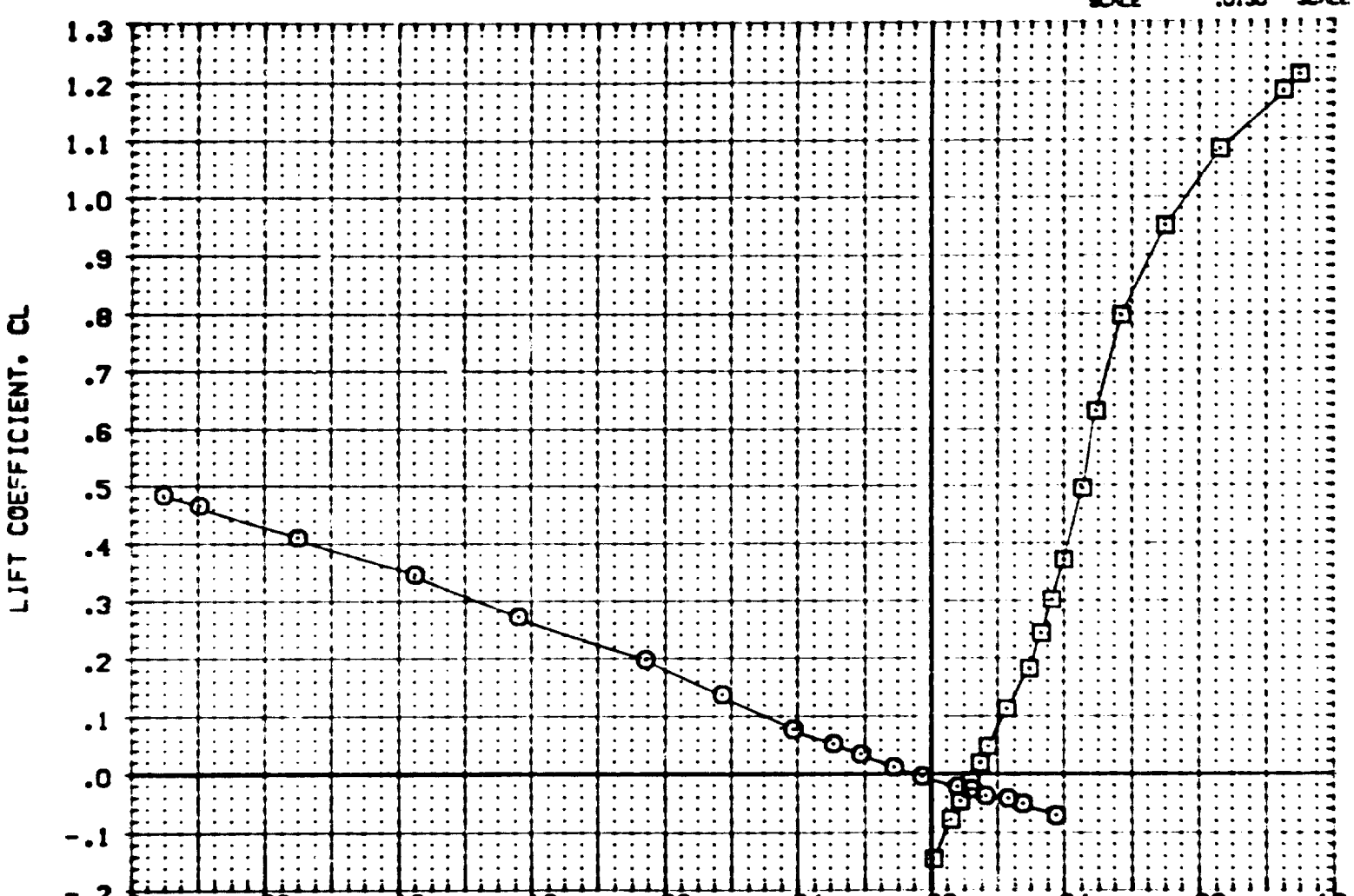


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
[illegible]	0A44 UPVT 1005 CONF-2A B10CS07HDF4X16		-14.250		
[illegible]	0A44 UPVT 1005 CONF-2A B10CS07HDF4WB7E16RDVBX16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

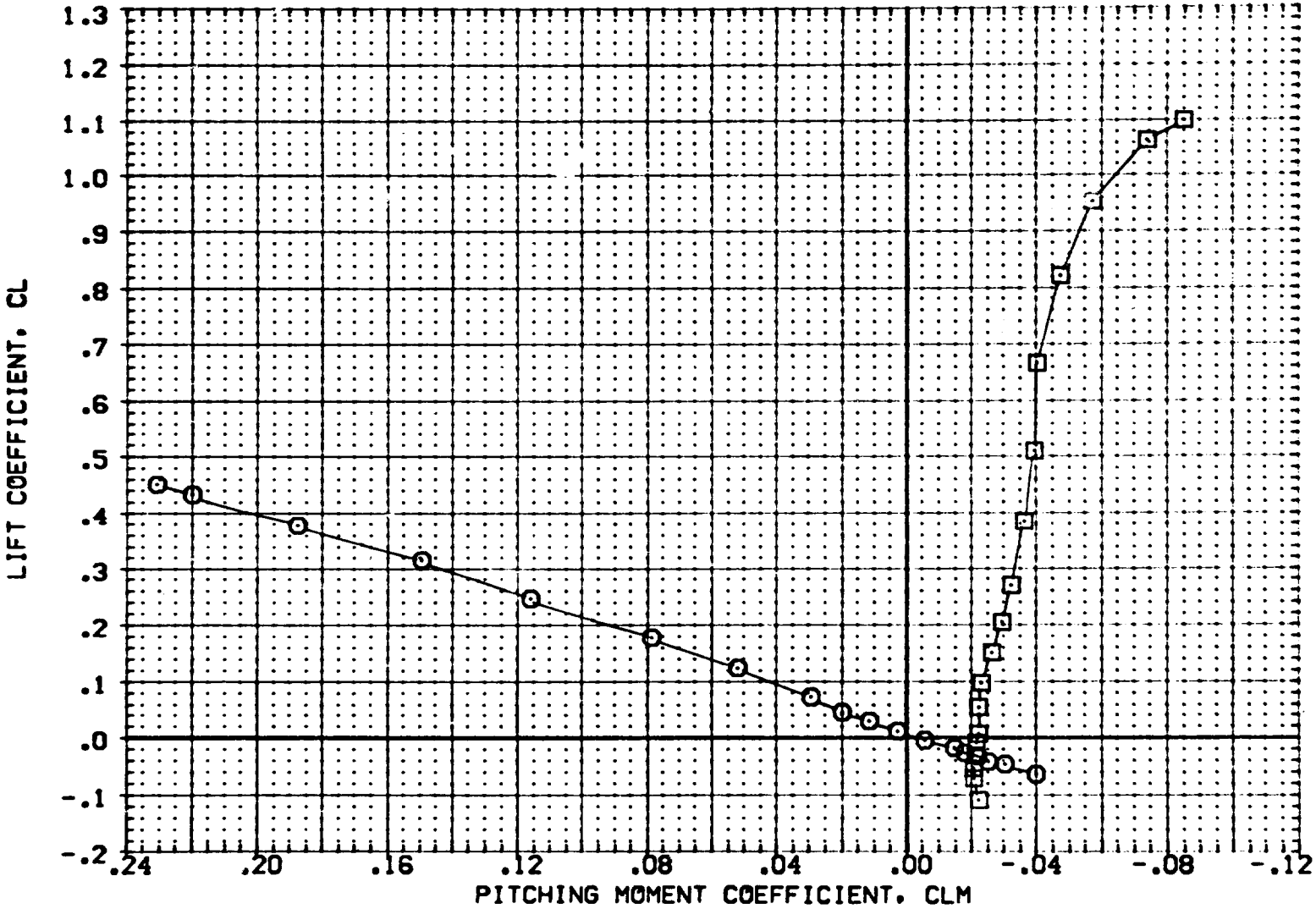


COMPONENT BUILDUP -898 CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
(RPNE02)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87..560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0507	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

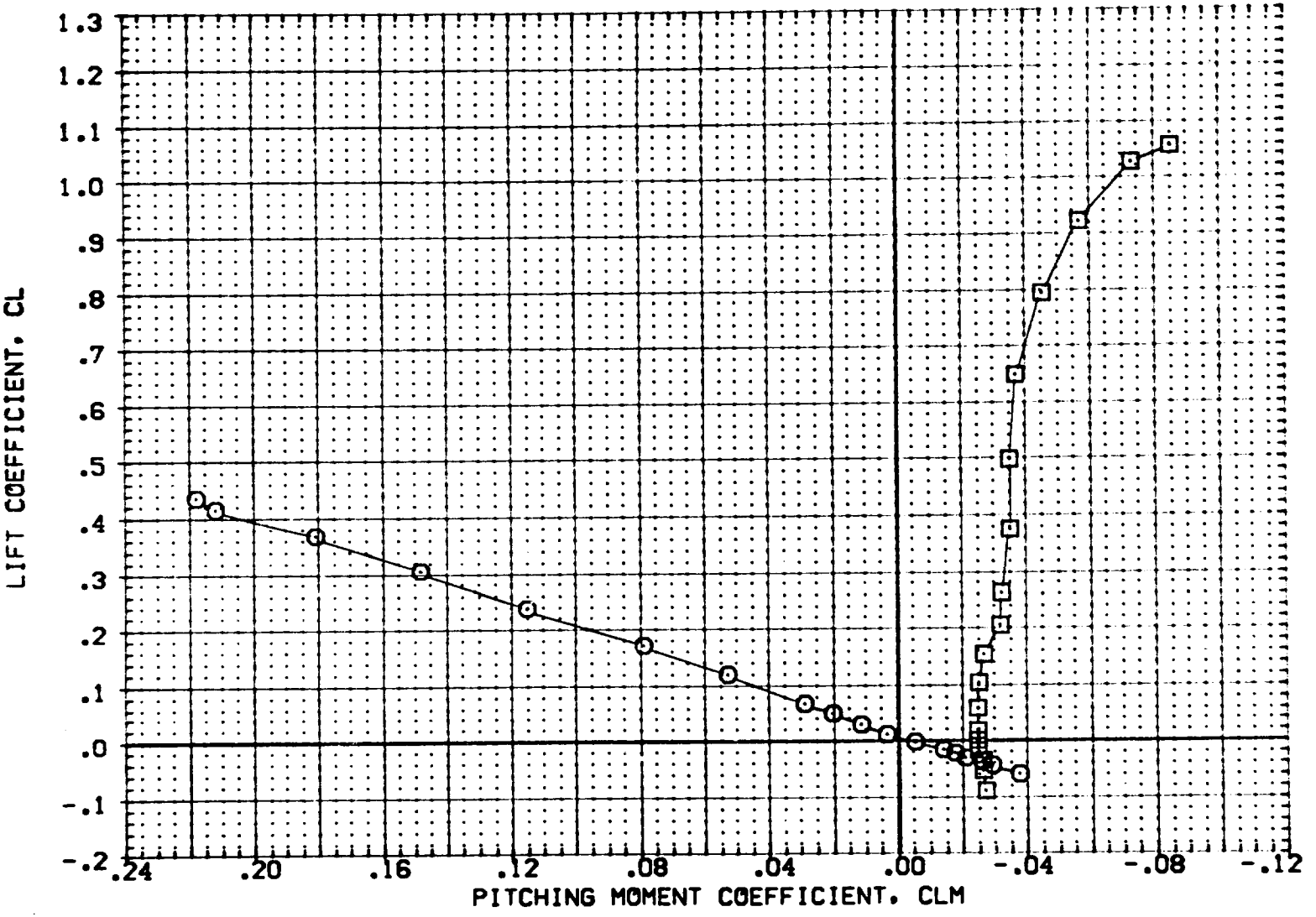


COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
[RPNE13]	0A44 UPVT 1035 CONF-2A B10C5D7M3F4X16		-14.250		
[RPNE02]	0A44 UPVT 1035 CONF-2A B10C5D7M3F4W87E10R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

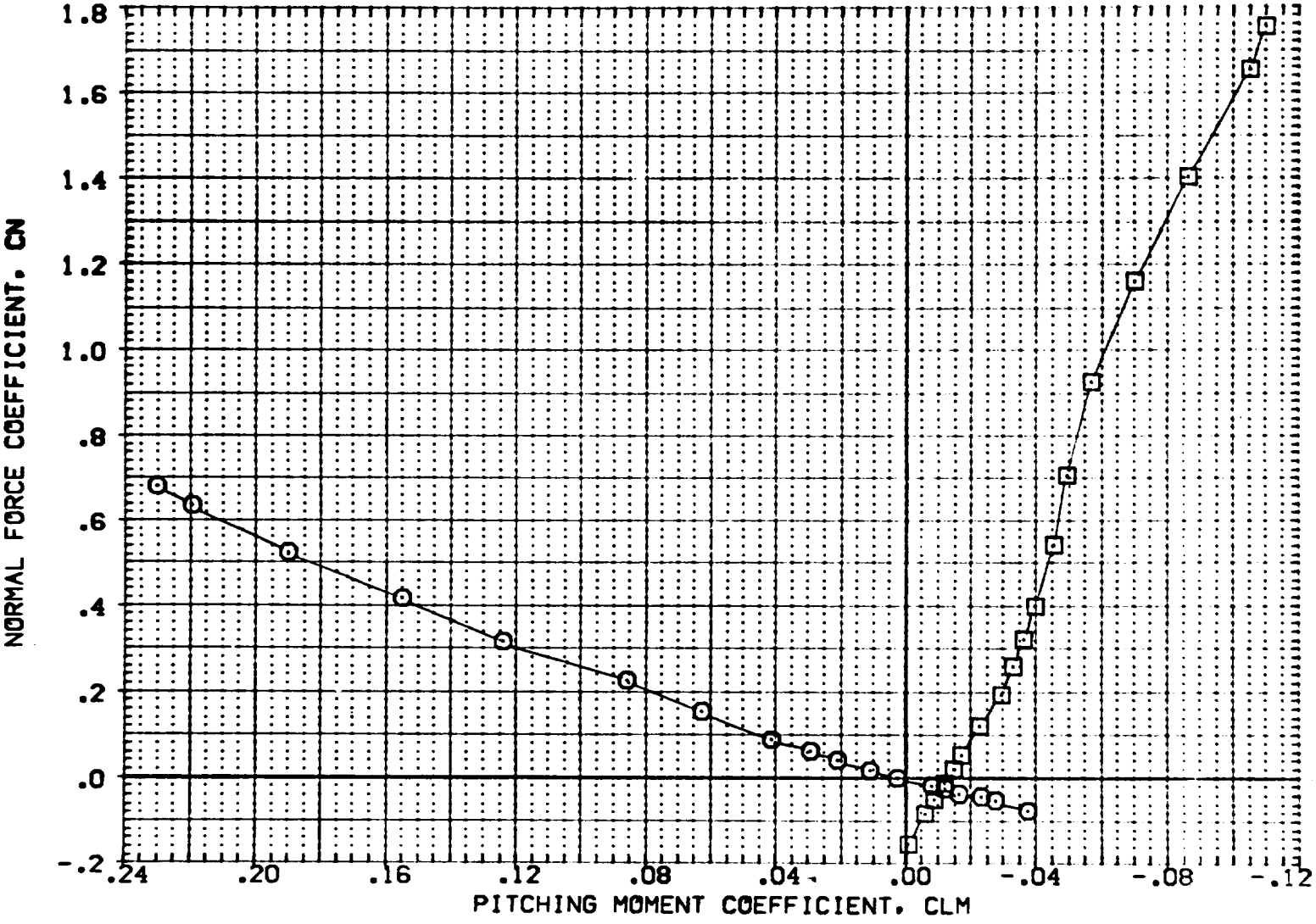


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)		0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
(RPNE02)		0A44 UPVT 1035 CONF-2A B10C507M3F4W87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

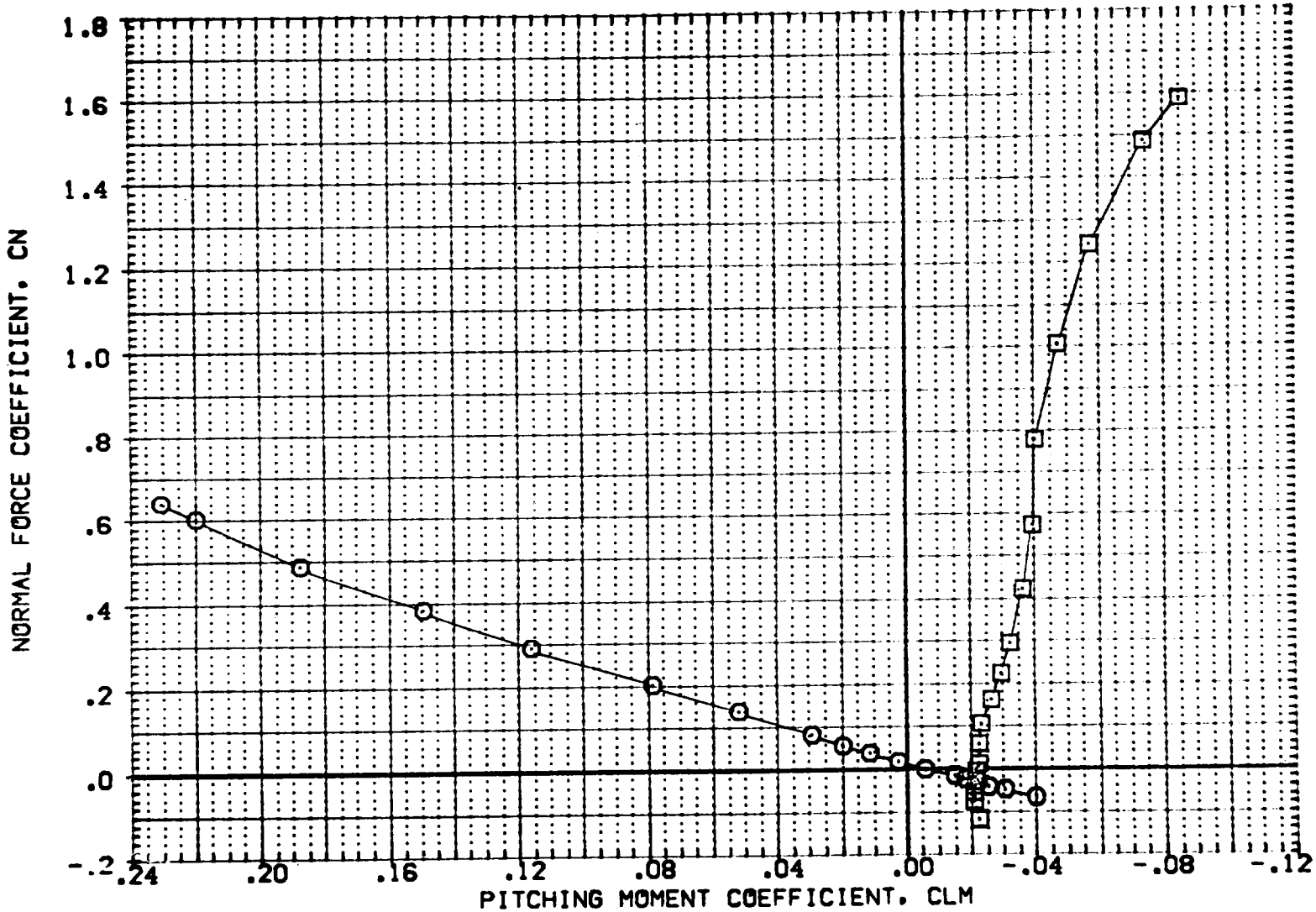


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
{RPNE13}	0A44 UPVT 1035 CONF-2A 810C307MDF4X18		-14.250		
{RPNE02}	0A44 UPVT 1035 CONF-2A 810C307M3F4W07E18R3V3X18	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

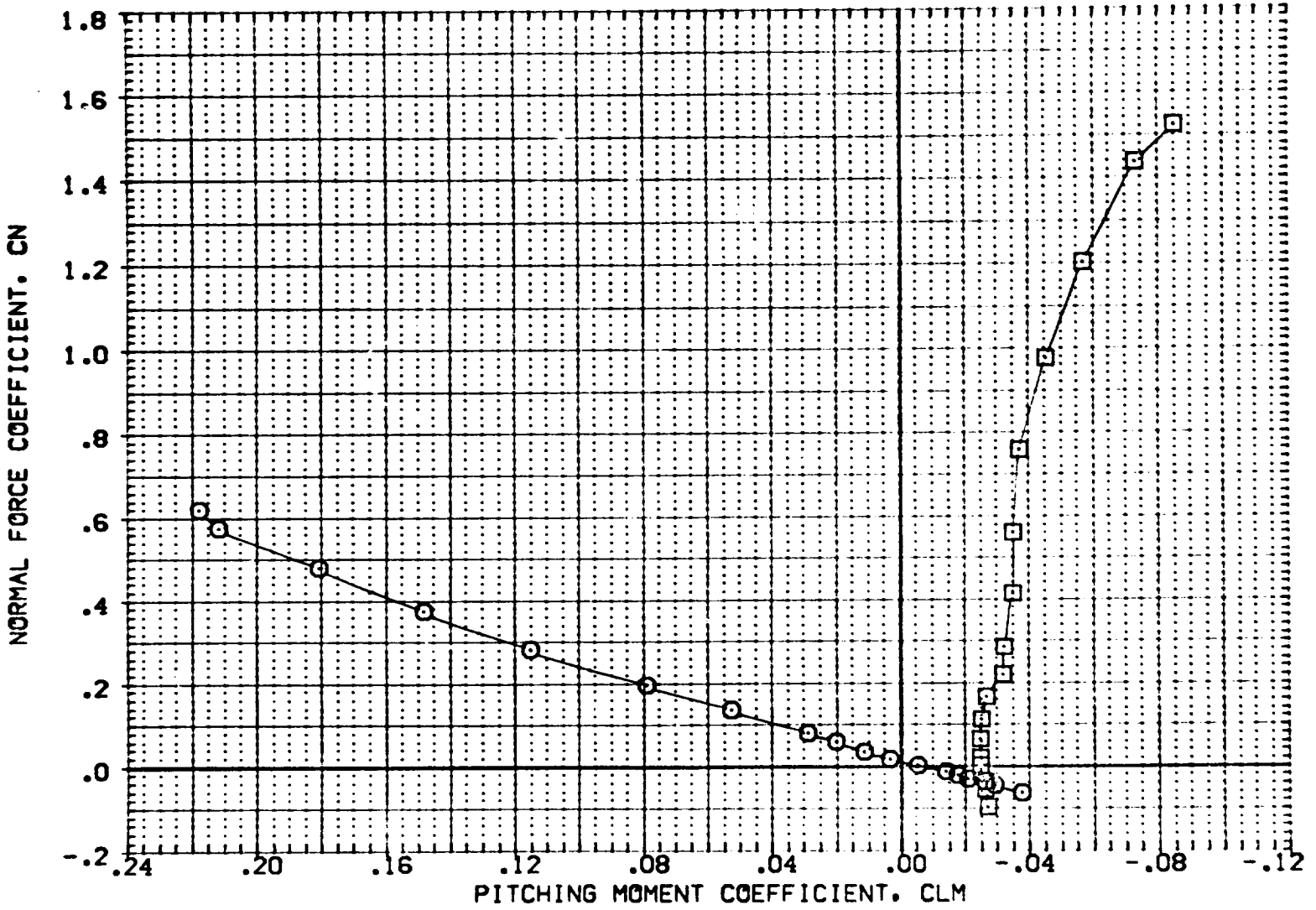


COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
[RPNE13]	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
[RPNE02]	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

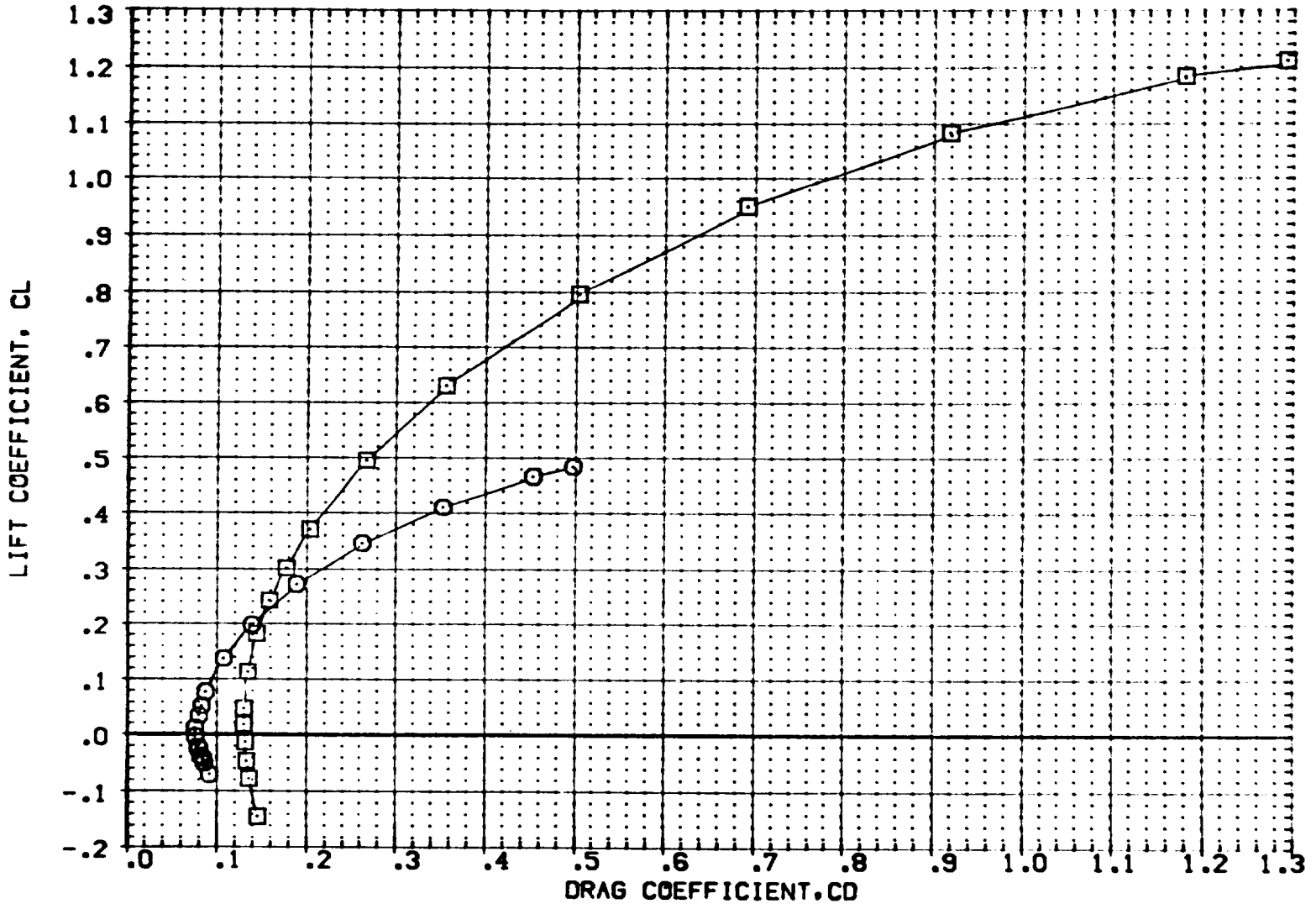


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNE13)		0A44 UPVT 1035 CONF-2A B10CS07M3F4X16		-14.250		
(RPNE02)		0A44 UPVT 1035 CONF-2A B10CS07M3F4V07E16R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

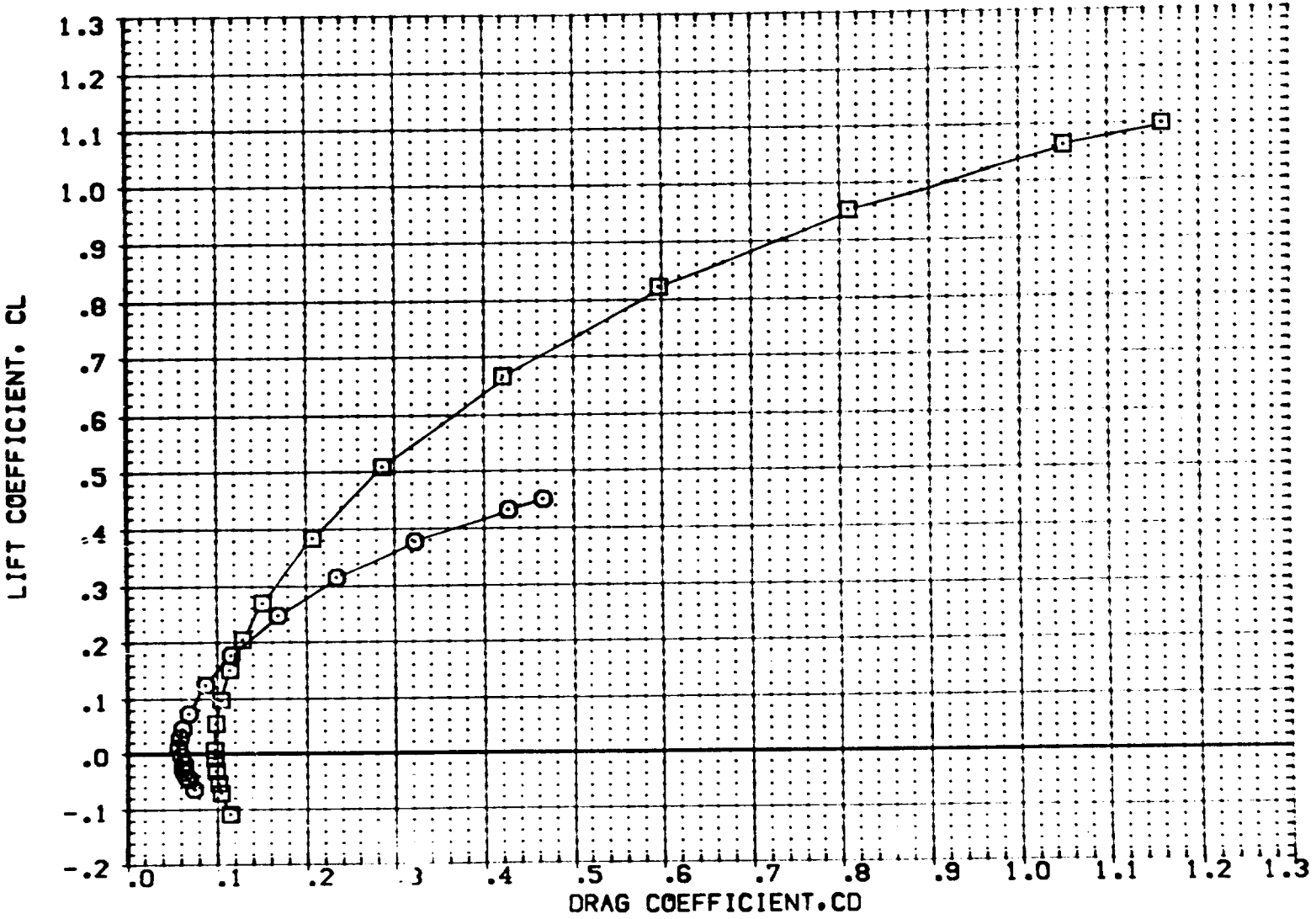


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNE13)	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
(RPNE02)	0A44 UPVT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

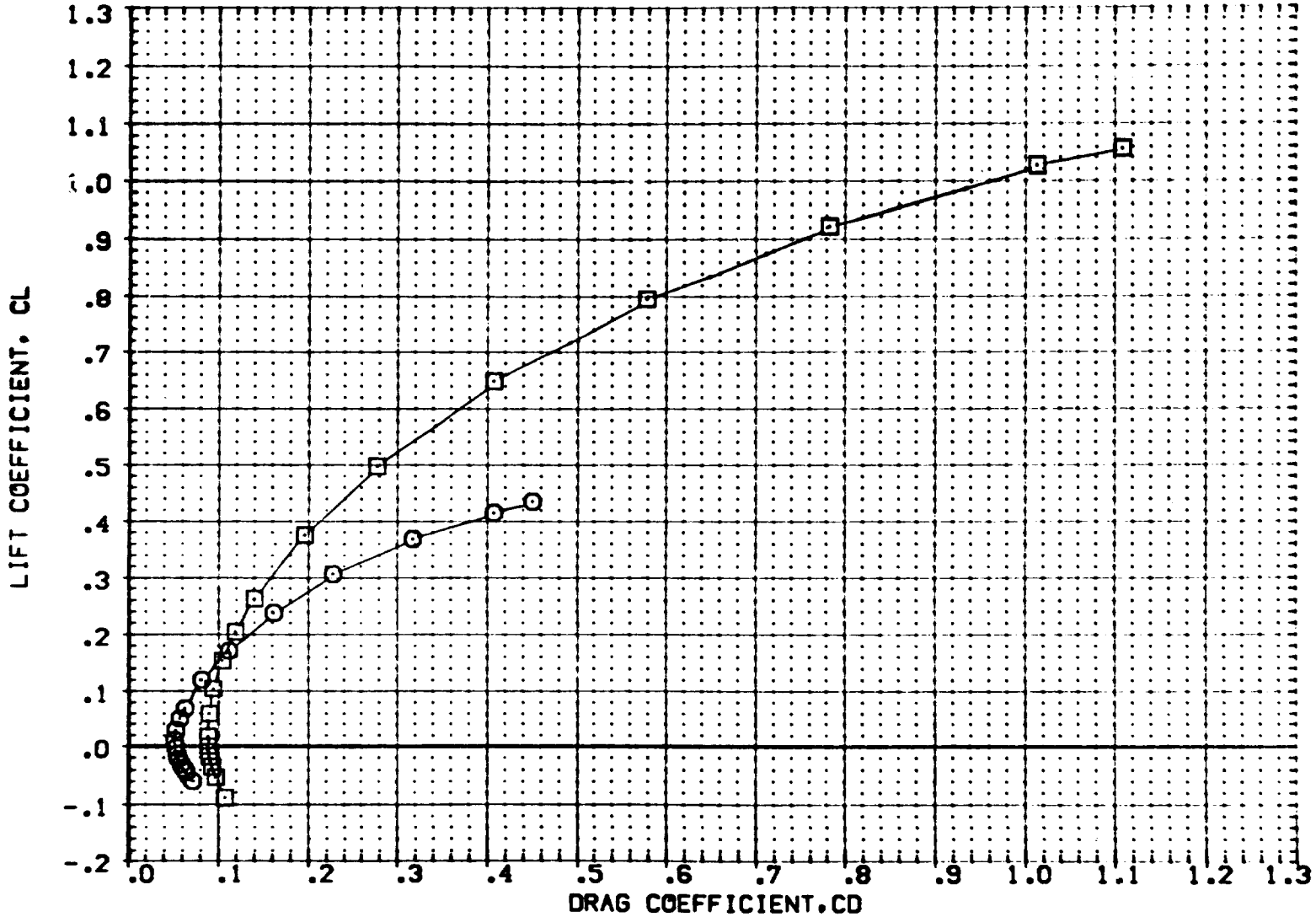


COMPONENT BUILDUP -83B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNE13)		0A44 UPVT 1035 CONF-2A B10C50?M3F4X16		-14.250		
(RPNE02)		0A44 UPVT 1035 CONF-2A B10C50?M3F4W07E10?5V5X16	.000	-14.250	54.820	.000

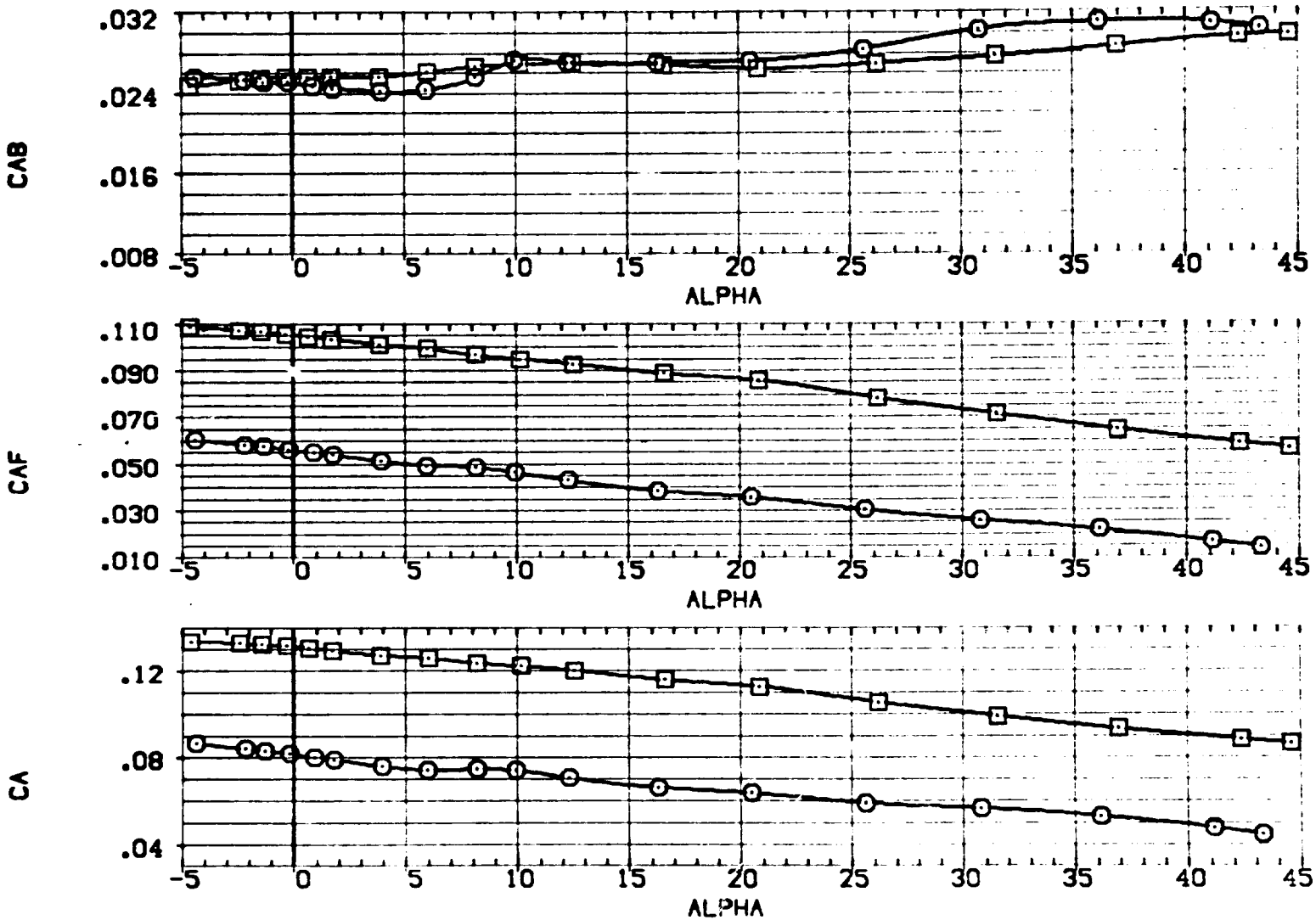
REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

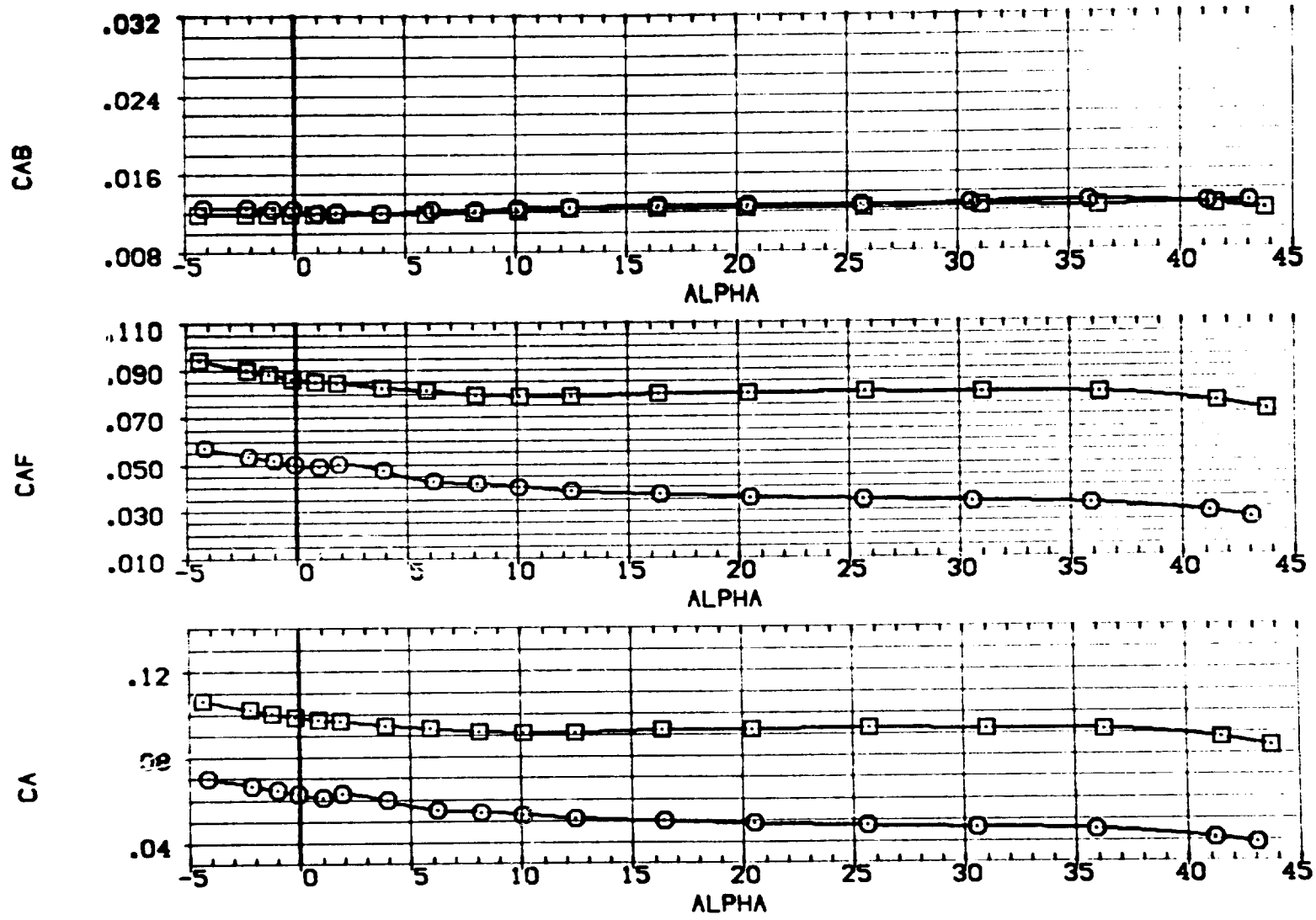
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13)	0A44 UPVT 1035 CONF-2A B10C5D7M3F4X16		-14.250			
(RPNP02)	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E10R5V5X16	.000	-14.250	54.920	.000	



COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13) ○	0A44 UPVT 1035 CONF-2A B10C507MSF4X16		-14.250			
(RPNP02) □	0A44 UPVT 1035 CONF-2A B10C507MSF4V87E18R5V5X16	.000	-14.250	54.820	.000	

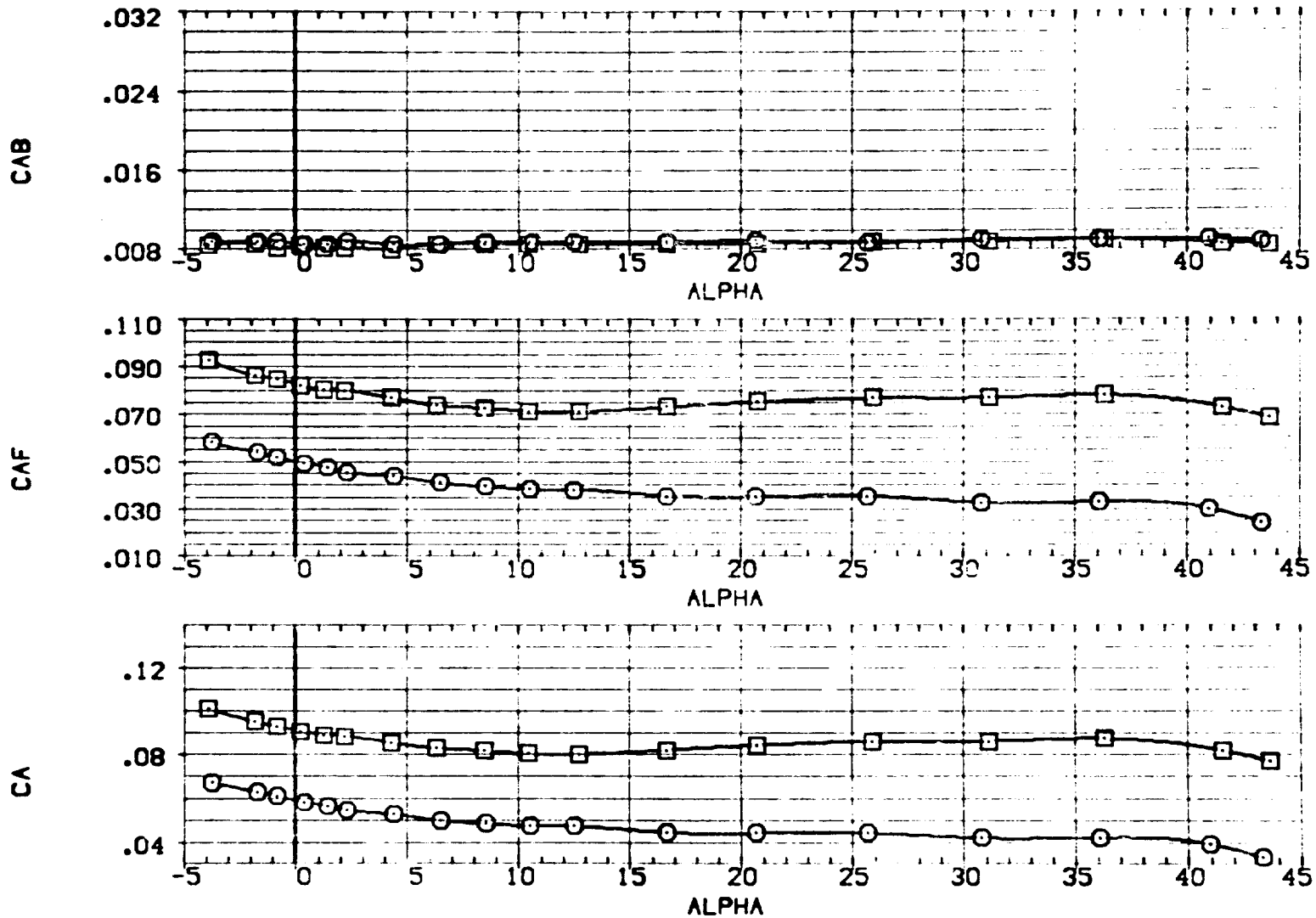


COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPNP13)	DA44 UPVT 1035 CONF-2A B10CSD7HGF4X16		-14.250		
(RPNP02)	DA44 UPVT 1035 CONF-2A B10CSD7HGF4V87E18R5V5X16	.000	-14.250	54.920	.000

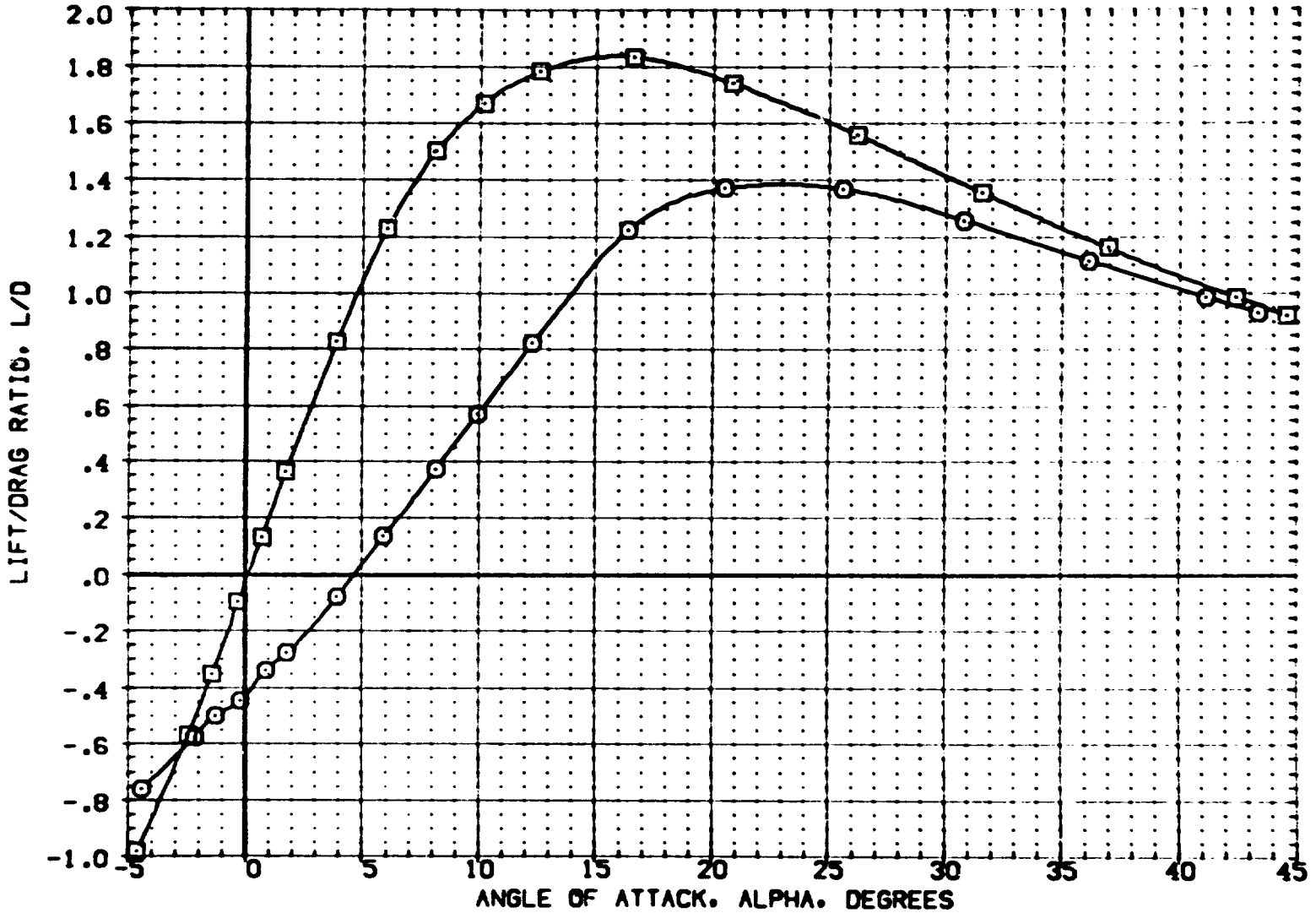
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP -99B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13)	8	0A44 UPVT 1035 CONF-2A B10CB07MOF4X16		-14.250			
(RPNP02)	8	0A44 UPVT 1035 CONF-2A B10CB07MOF4W87E18R5V5X16	.000	-14.250	54.920	.000	

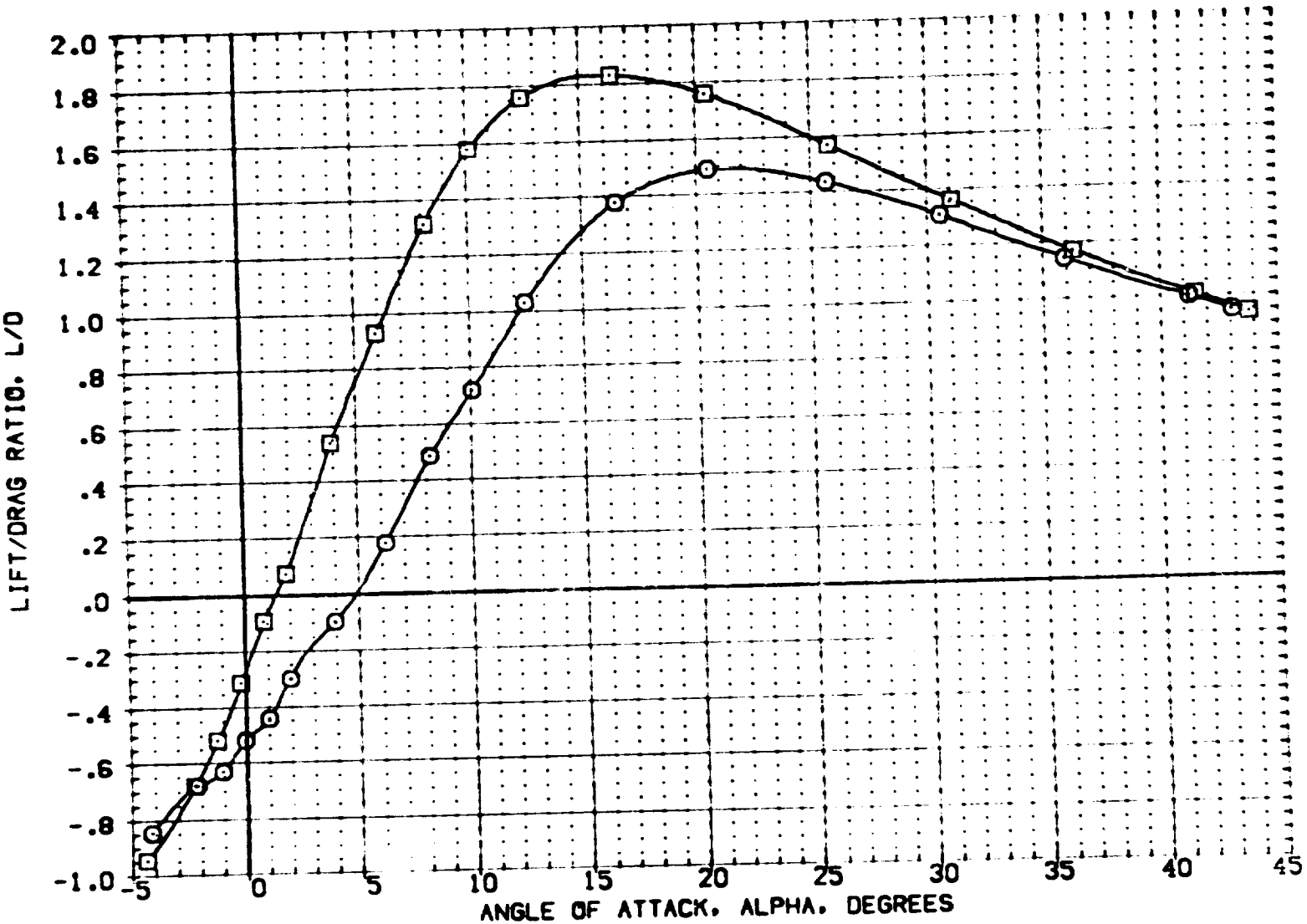


COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER
(RPNP13)	0A44 UPWT 1005 CONF-2A B10C507N3F4X16		-14.250		
(RPNP02)	0A44 UPWT 1005 CONF-2A B10C507N3F4V87E18R5V5X16	.000	-14.250	54.920	.000

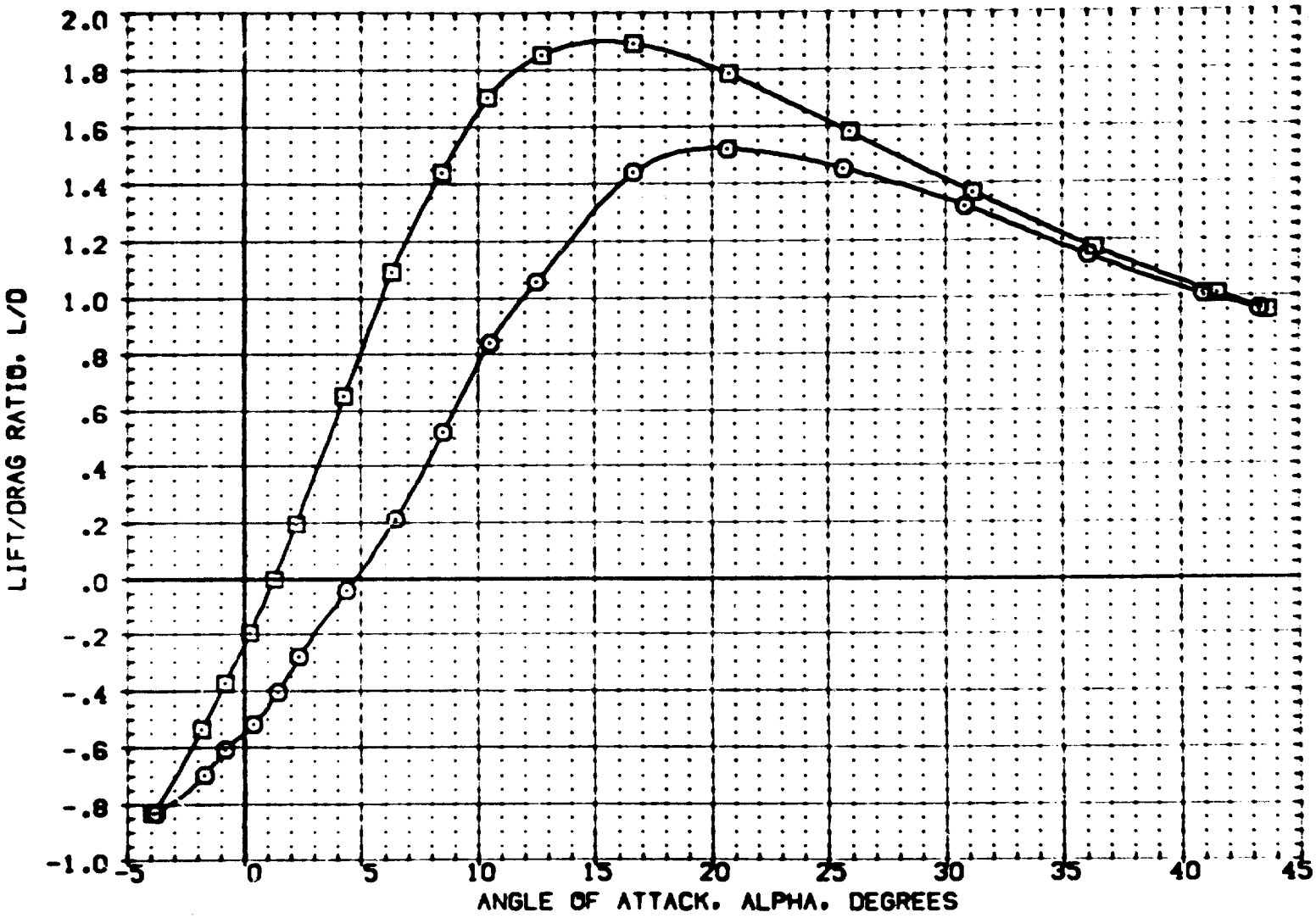
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP -[illegible] CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13)	0A44 UPVT 1035 CONF-2A B10CS07MOF4K16		-14.250			
(RPNP02)	0A44 UPVT 1035 CONF-2A B10CS07MOF4W87E16R5V5A16	.000	-14.250	54.920	.000	

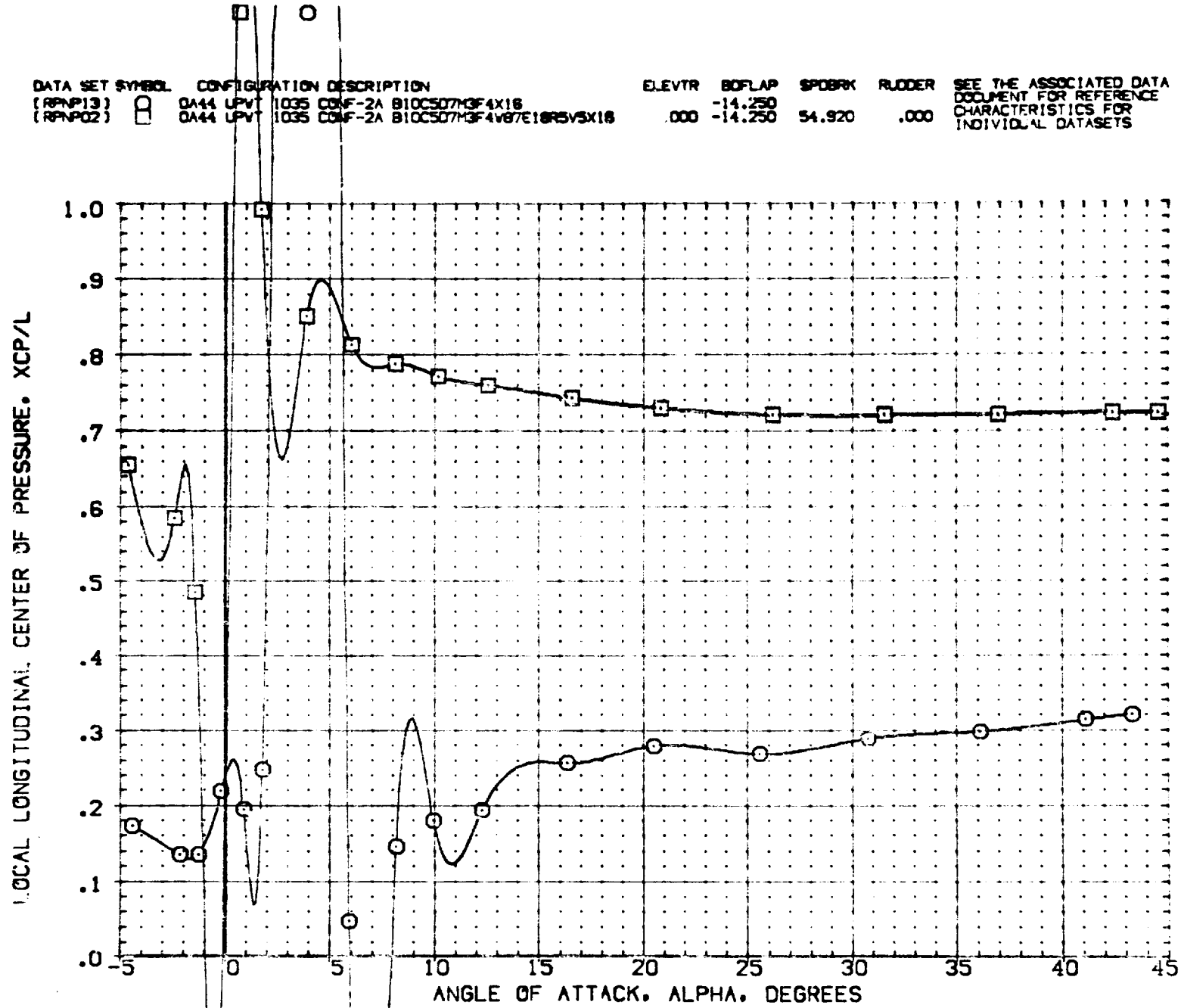


COMPONENT BUILDUP -898 CONFIG

(C)MACH = 4.60

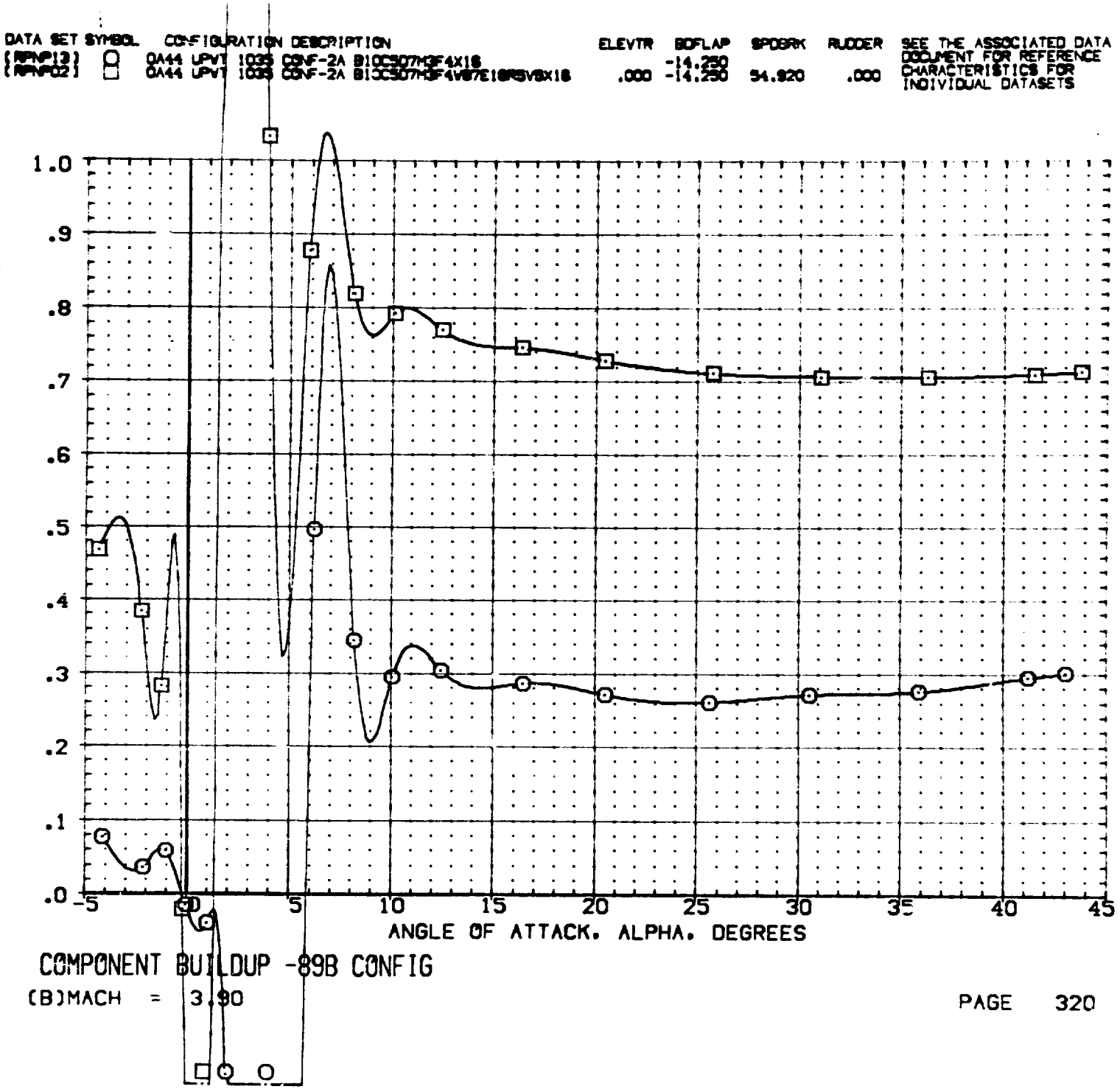
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPNP13)	0A44 UPWT 1035 CONF-2A B10C507M3F4X16		-14.250		
(RPNP02)	0A44 UPWT 1035 CONF-2A B10C507M3F4V87E18R5V5X18	.000	-14.250	54.920	.000

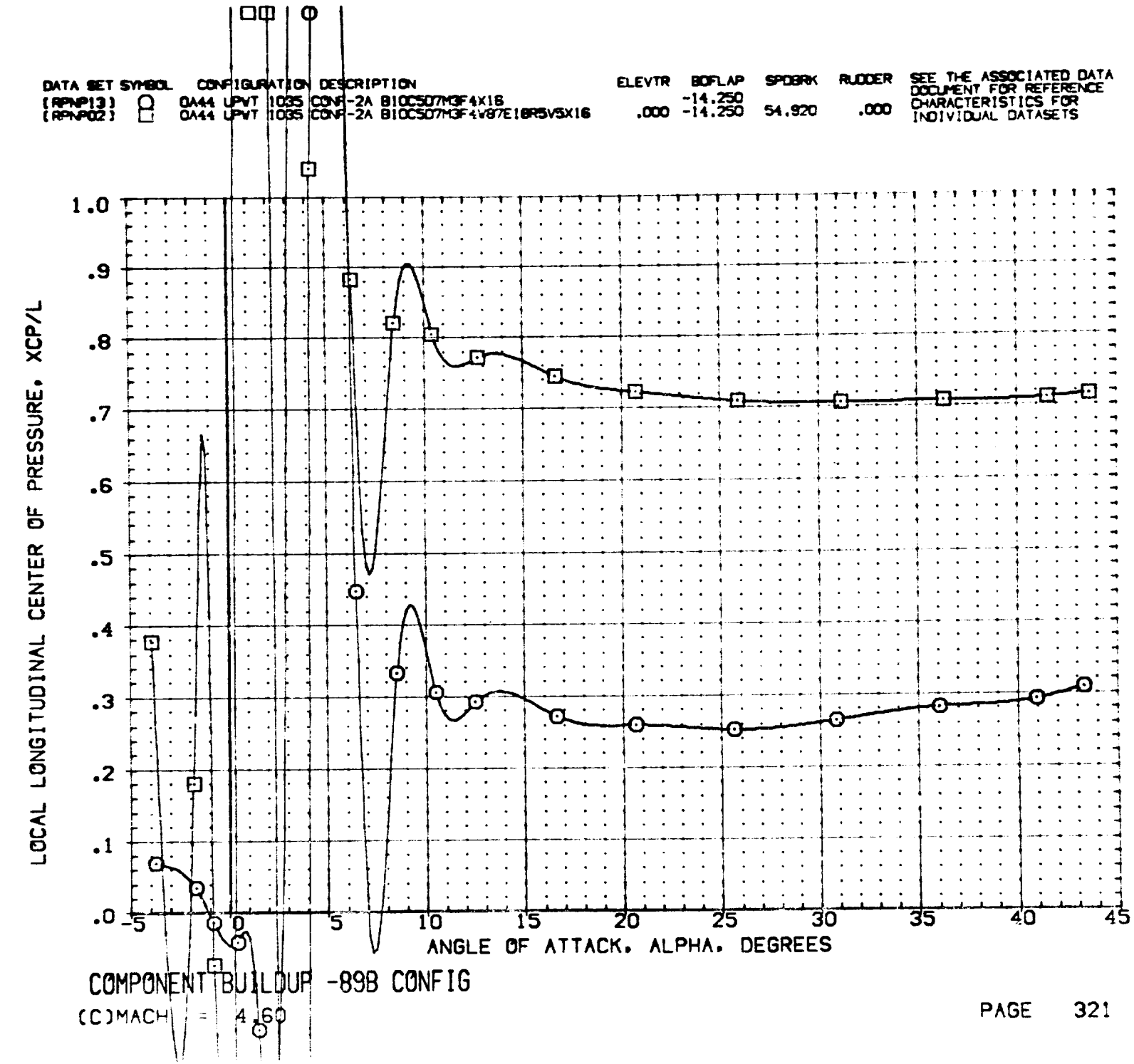
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP -89B CONFIG

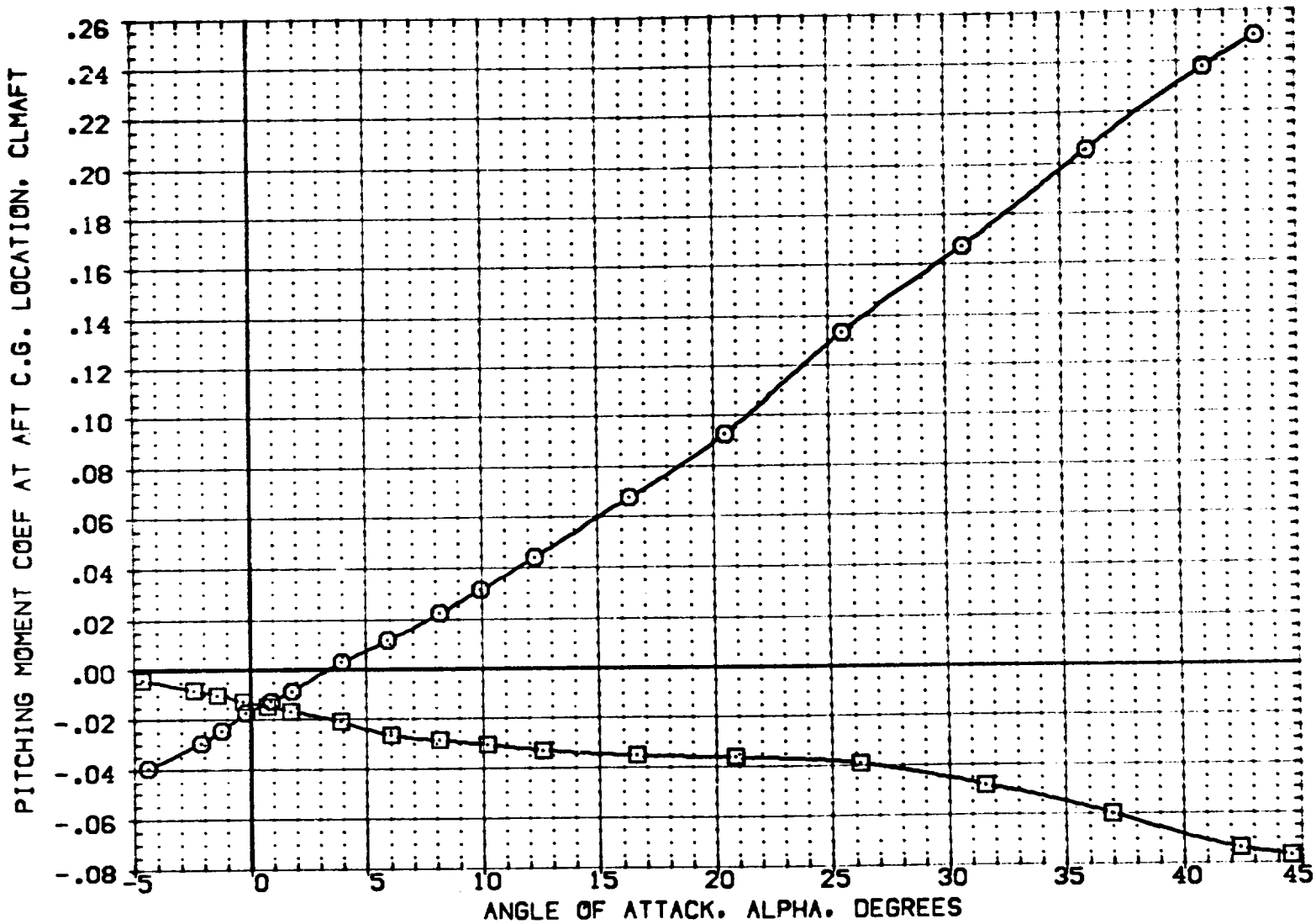
(A)MACH = 2.50


DATA SET SYMBOL CONFIGURATION DESCRIPTION
ELEVTR BDFLAP SPDBRK RUDDER
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13) 0A44 UPVT 1035 CONF-2A B10C507M3F4X18
-14.250
(RPNP02) 0A44 UPVT 1035 CONF-2A B10C507M3F4W87E18R5V8X18
.000 -14.250 54.920 .000
LOCAL LONGITUDINAL CENTER OF PRESSURE, XCP/L
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
-5
0
5
10
15
20
25
30
35
40
45
ANGLE OF ATTACK, ALPHA, DEGREES
COMPONENT BUILDUP -89B CONFIG
(B)MACH = 3.90


DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BOFLAP SPDBRK RUDDER SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(RPNP13) 0A44 UPVT 1035 CONF-2A B10C507M3F4X18 -14.250
(RPNP02) 0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16 .000 -14.250 54.920 .000
LOCAL LONGITUDINAL CENTER OF PRESSURE, XCP/L
1.0
.9
.8
.7
.6
.5
.4
.3
.2
.1
.0
-5
0
5
10
15
20
25
30
35
40
45
ANGLE OF ATTACK, ALPHA, DEGREES
COMPONENT BUILDUP -89B CONFIG
(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBFX	RUDDER
(MPNZ13)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250		
(MPNZ02)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E10R5V5X16	.000	-14.250	54.920	.000

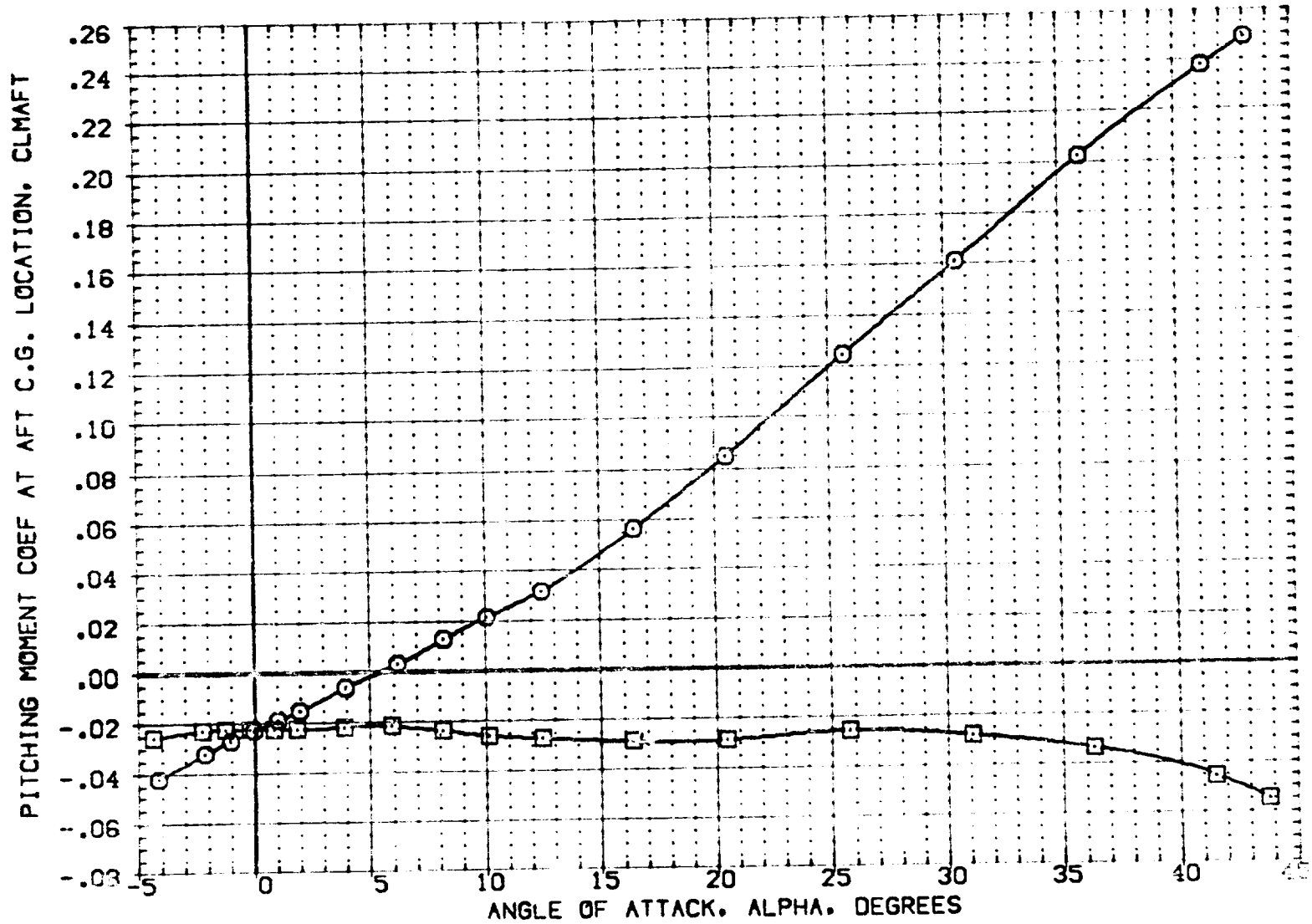
SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS



COMPONENT BUILDUP -89B CONFIG

(A)MACH = 2.50

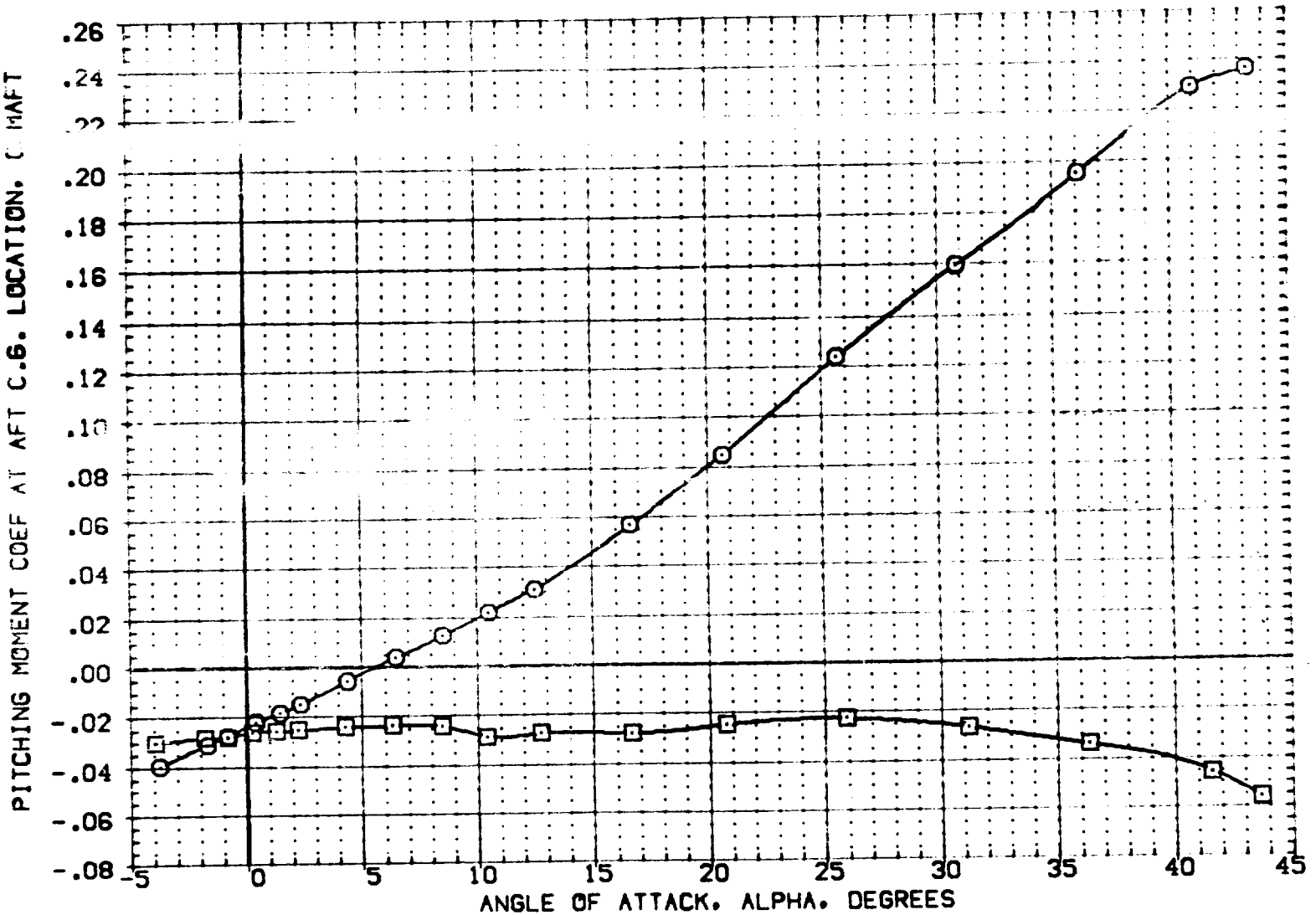
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(HPNZ13)	0A44 UPVT 1035 CONF-2A B10C507M3F4X16		-14.250			
(HPNZ02)	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1675V5X16	.000	-14.250	54.920	.000	



COMPONENT BUILDUP -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER	SEE THE ASSOCIATED DATA DOCUMENT FOR REFERENCE CHARACTERISTICS FOR INDIVIDUAL DATASETS
(MPNZ13)		0A44 UPVT 1035 CONF-2A B10C5D7M3F4X16		-14.250			
(MPNZ02)	☐	0A44 UPVT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X18	.000	-14.250	54.920	.000	

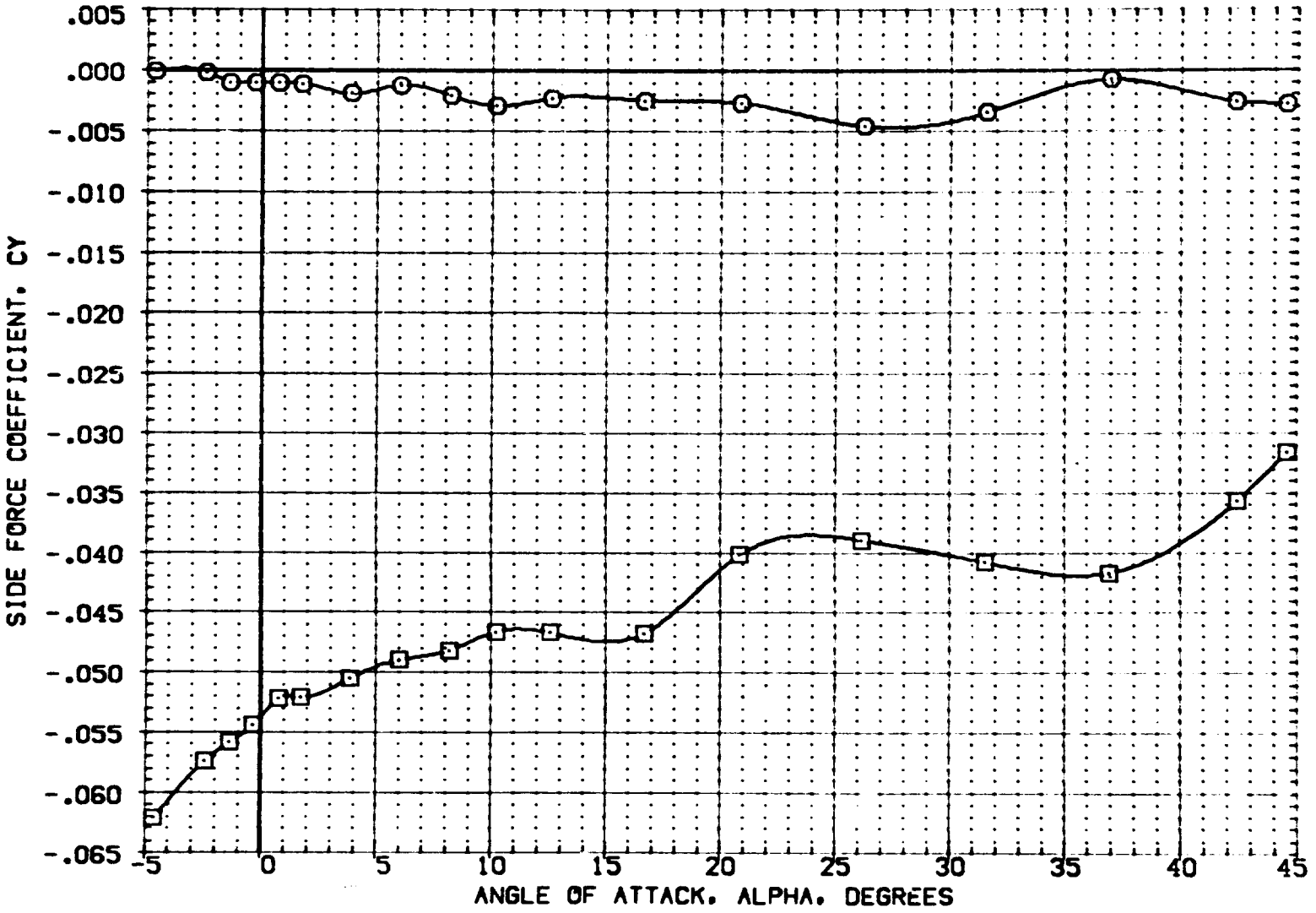


COMPONENT BUILDUP -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BOFLAP	SPDBRK
(RPNA02)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X18	.000	.000	-14.250	54.920
(RPNA03)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X18	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



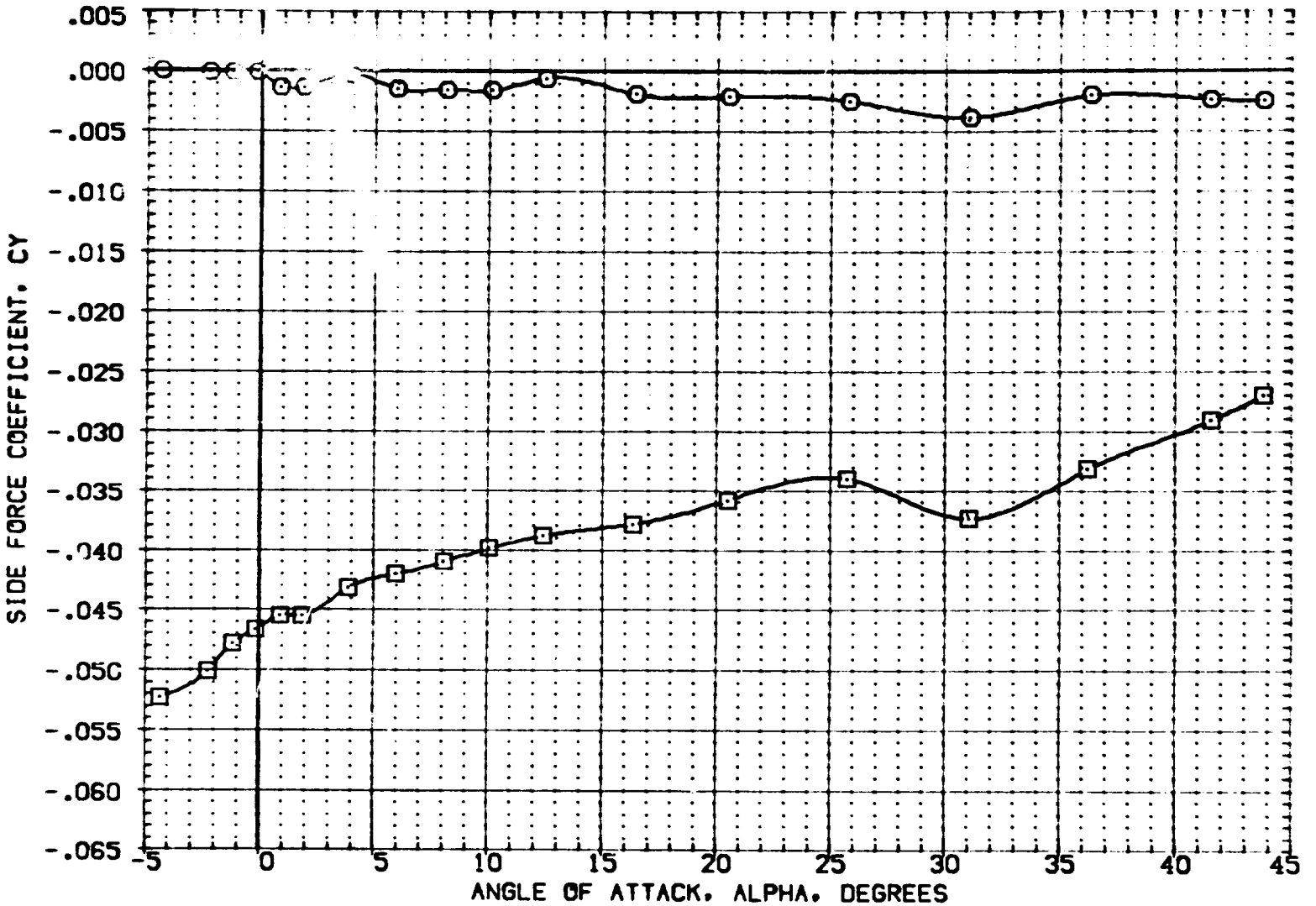
LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BDFLAP	SPDBRK
[RPNAD2]	OA44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
[RPNAD3]	OA44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION

SREF	87.1550	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

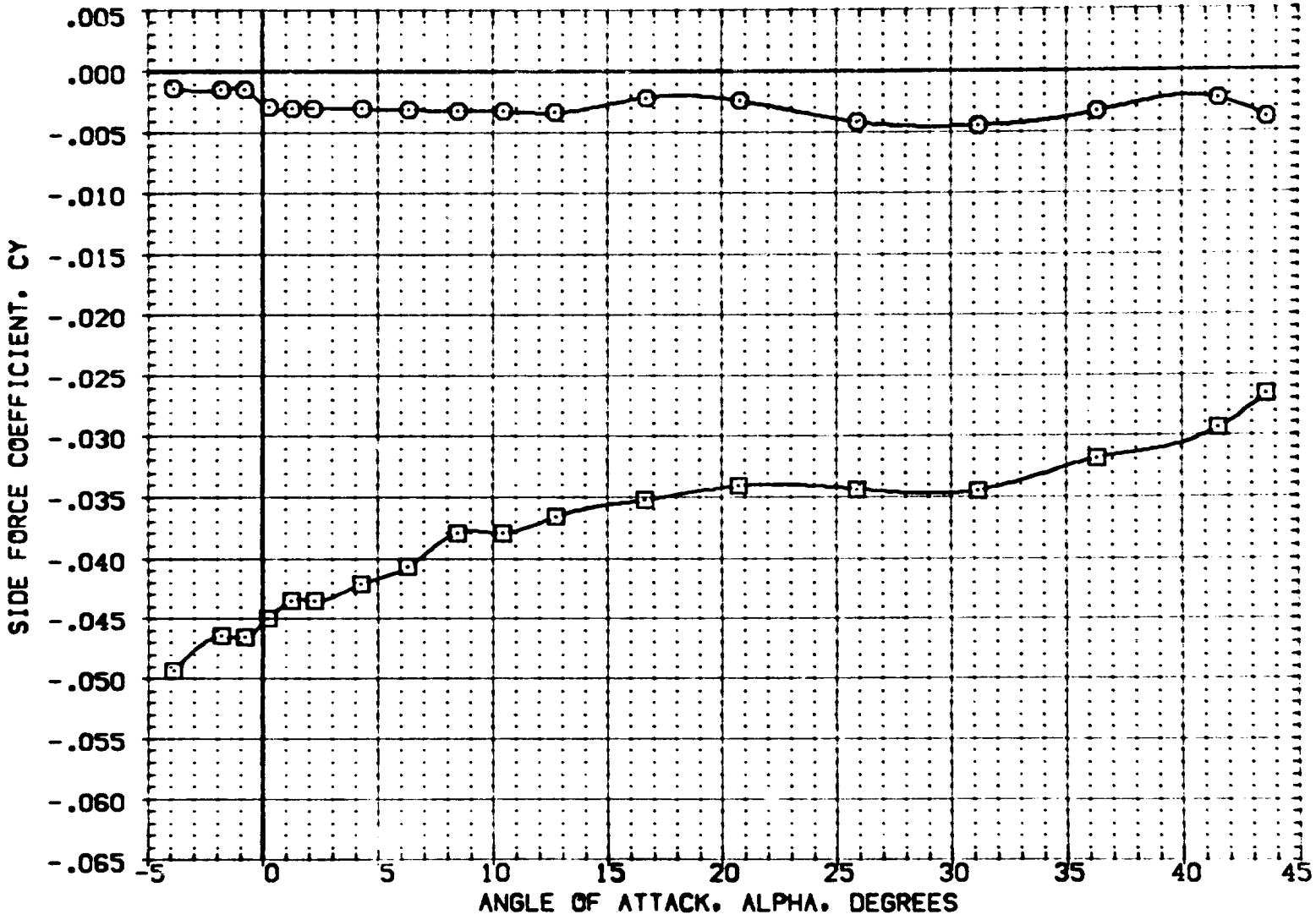


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BDFLAP	SPDBRK
(RPNA02)	○	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNA03)	□	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

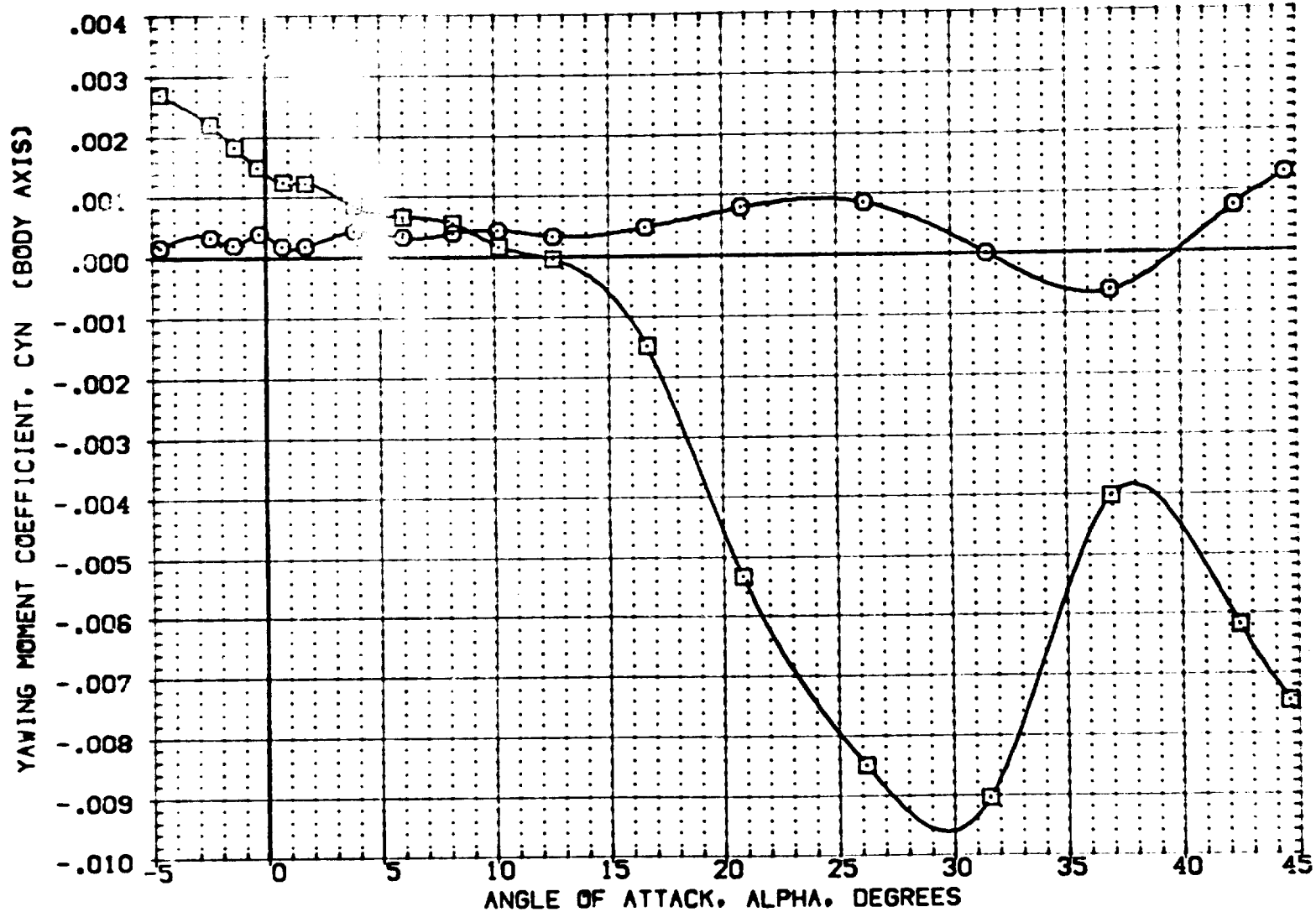


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BOFLAP	SPOBRK
(RPNA02) ○	0A44 UPVT 1035 CONF-2A B10CS07MGF4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNA03) □	0A44 UPVT 1035 CONF-2A B10CS07MGF4V87E18R5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

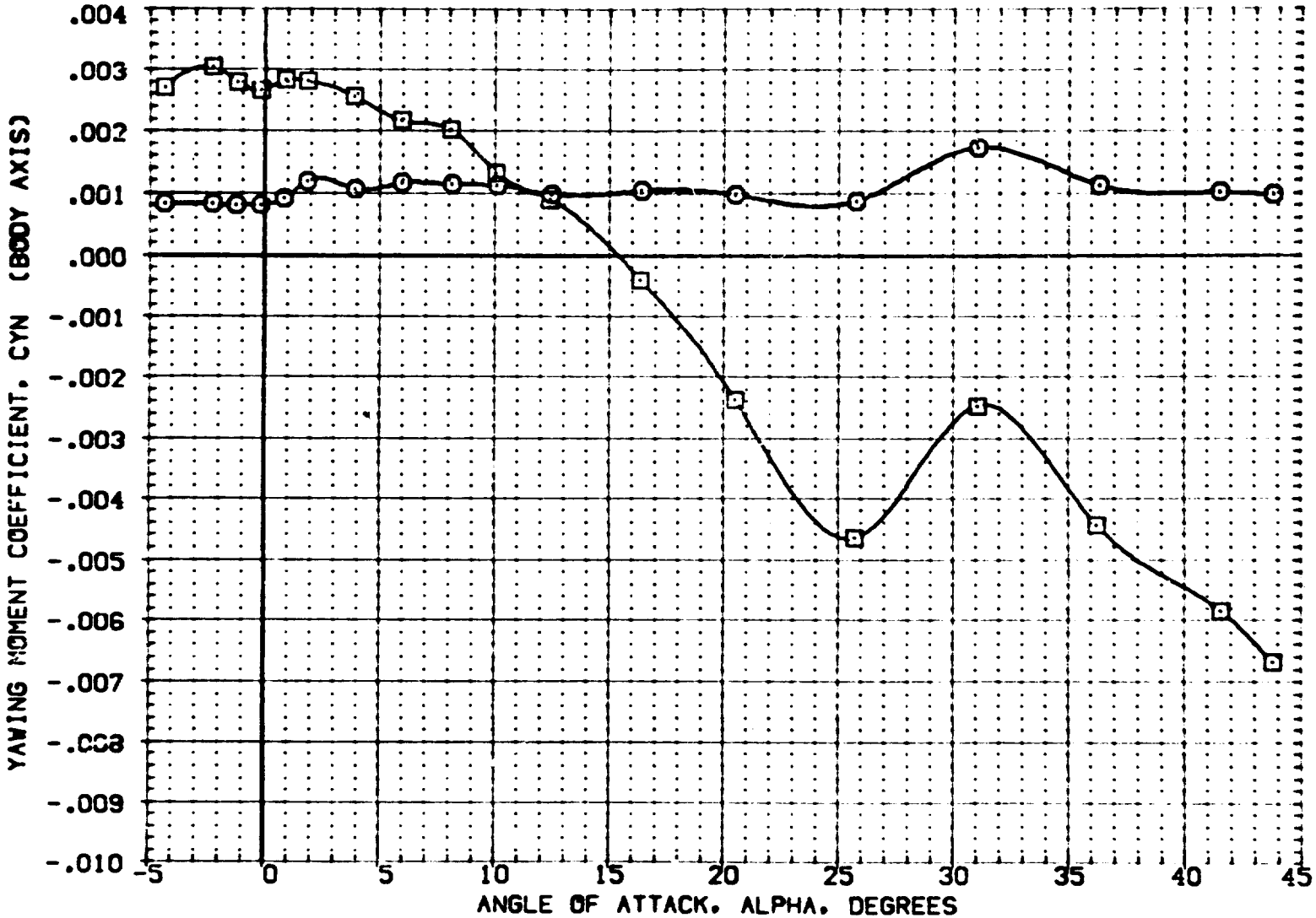


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BDFLAP	SPDBRK
(RPNA02)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	.000	.000	-14.250	54.920
(RPNA03)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



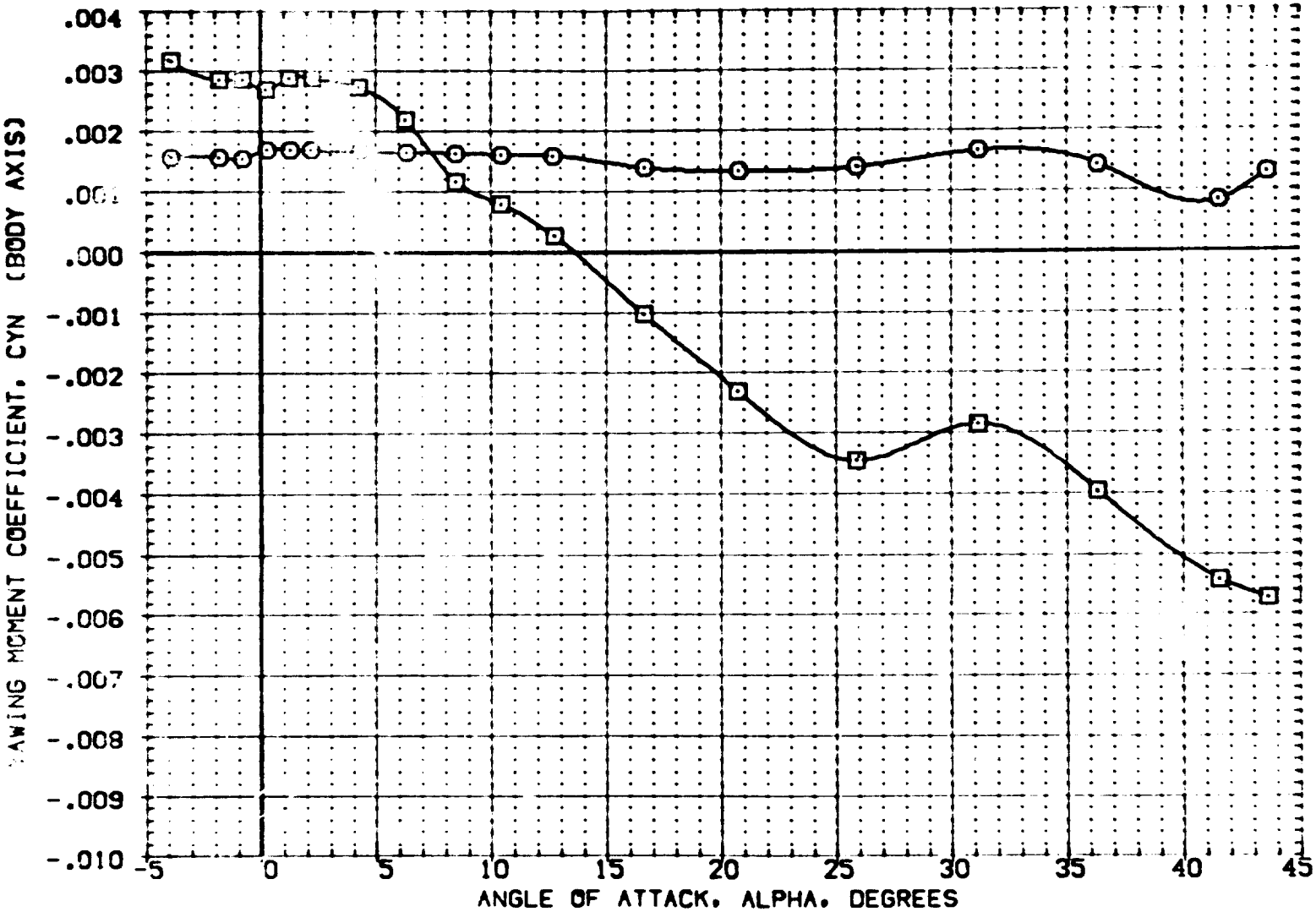
LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BOFLAP	SPOSRK
[illegible]	0A44 UPWT [illegible]	.000	.000	-14.250	54.820
[illegible]	0A44 UPWT [illegible]	3.000	.000	-14.250	54.820

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

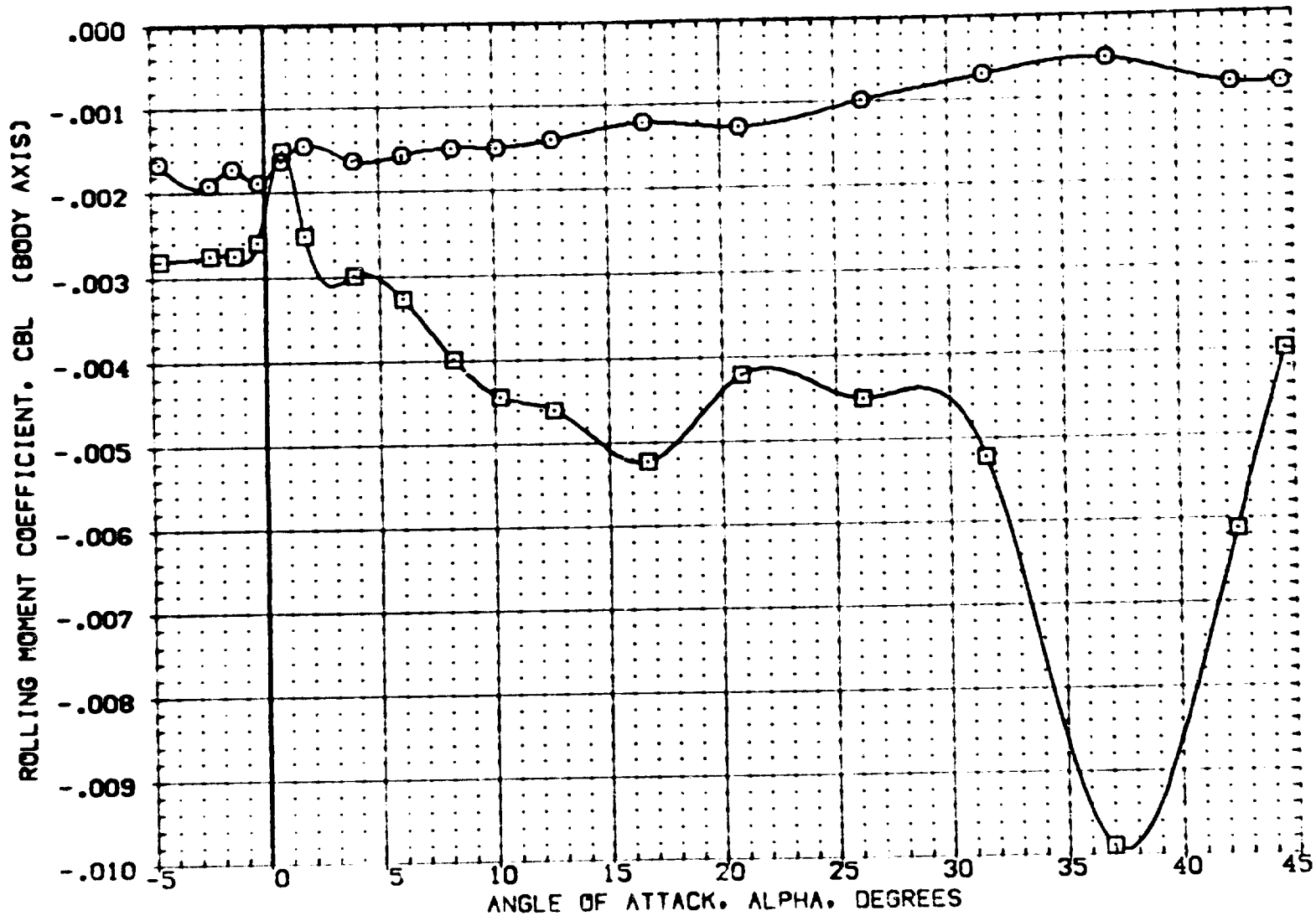


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BDFLAP	SPOBRK
(RPNA02) ○	0A44 UPVT 1035 CONF-2A B10C507*3F4V87E1BR5V5X16	.000	.000	-14.250	54.920
(RPNA03) □	0A44 UPVT 1035 CONF-2A B10C507*3F4V87E1BR5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

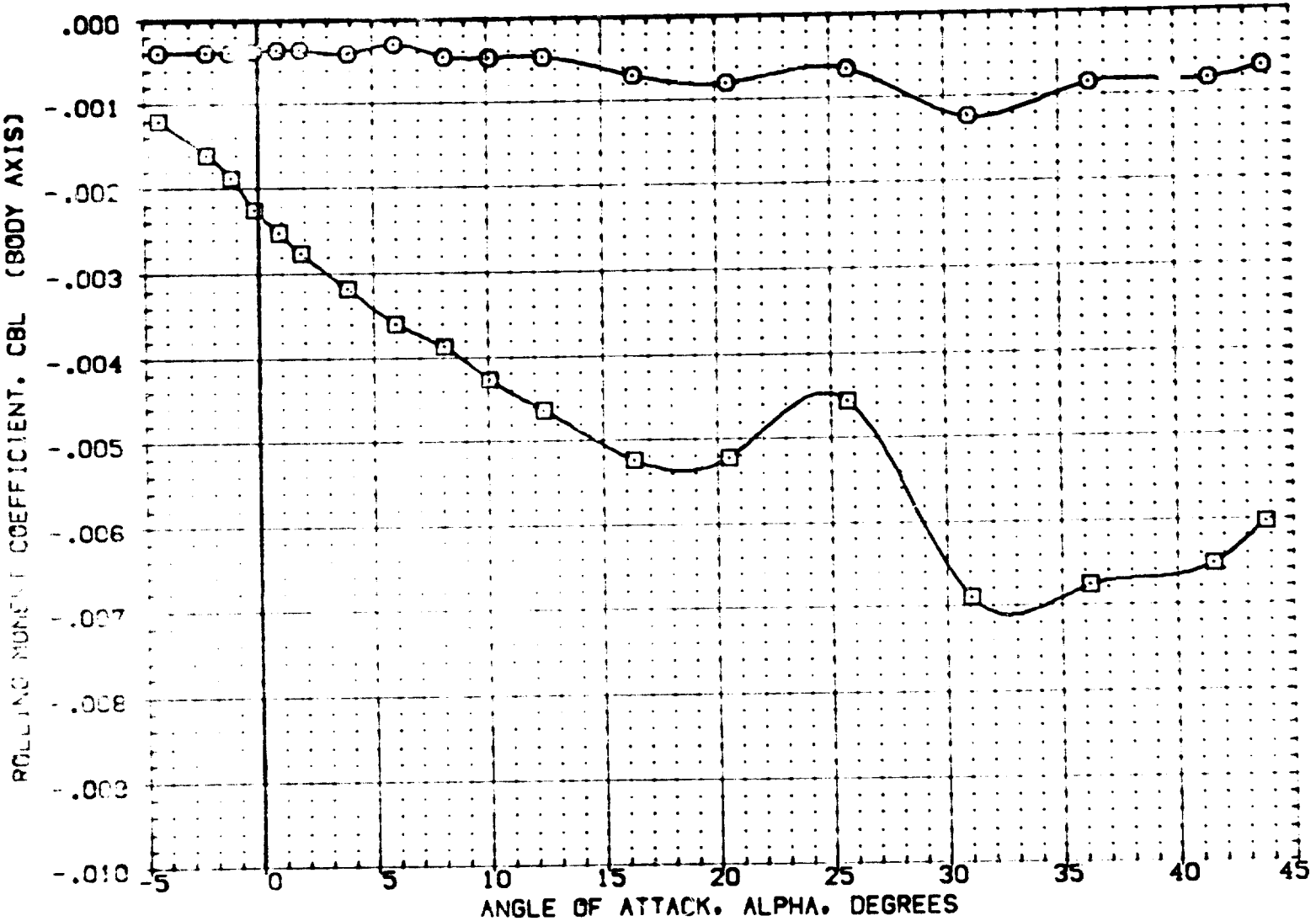


LATERAL-DIRECTION ALPHA SWEEP -89R CONFIG

(A)MACH =

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BOFLAP	SPOBRK
(RPNA02)		0A44 UPVT 1035 CONF-2A B10C507HOF4V07E18R5V5X16	.000	.000	-14.250	54.820
(RPNA03)		0A44 UPVT 1035 CONF-2A B10C507HOF4V07E18R5V5X16	3.000	.000	-14.250	54.820

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

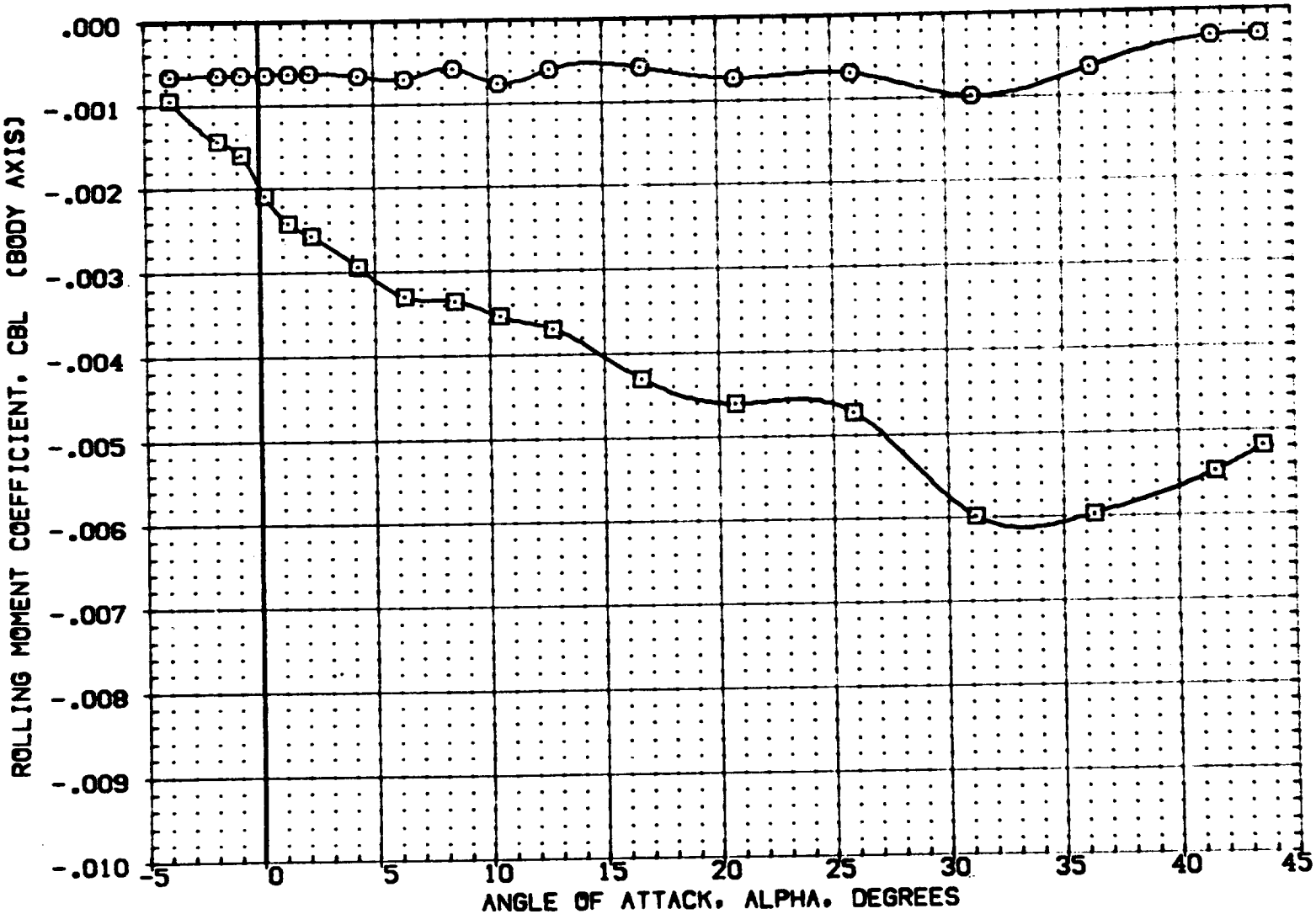


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BDFLAP	SPOBRK
[RPNA02]	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	.000	-14.250	54.920
[RPNA03]	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

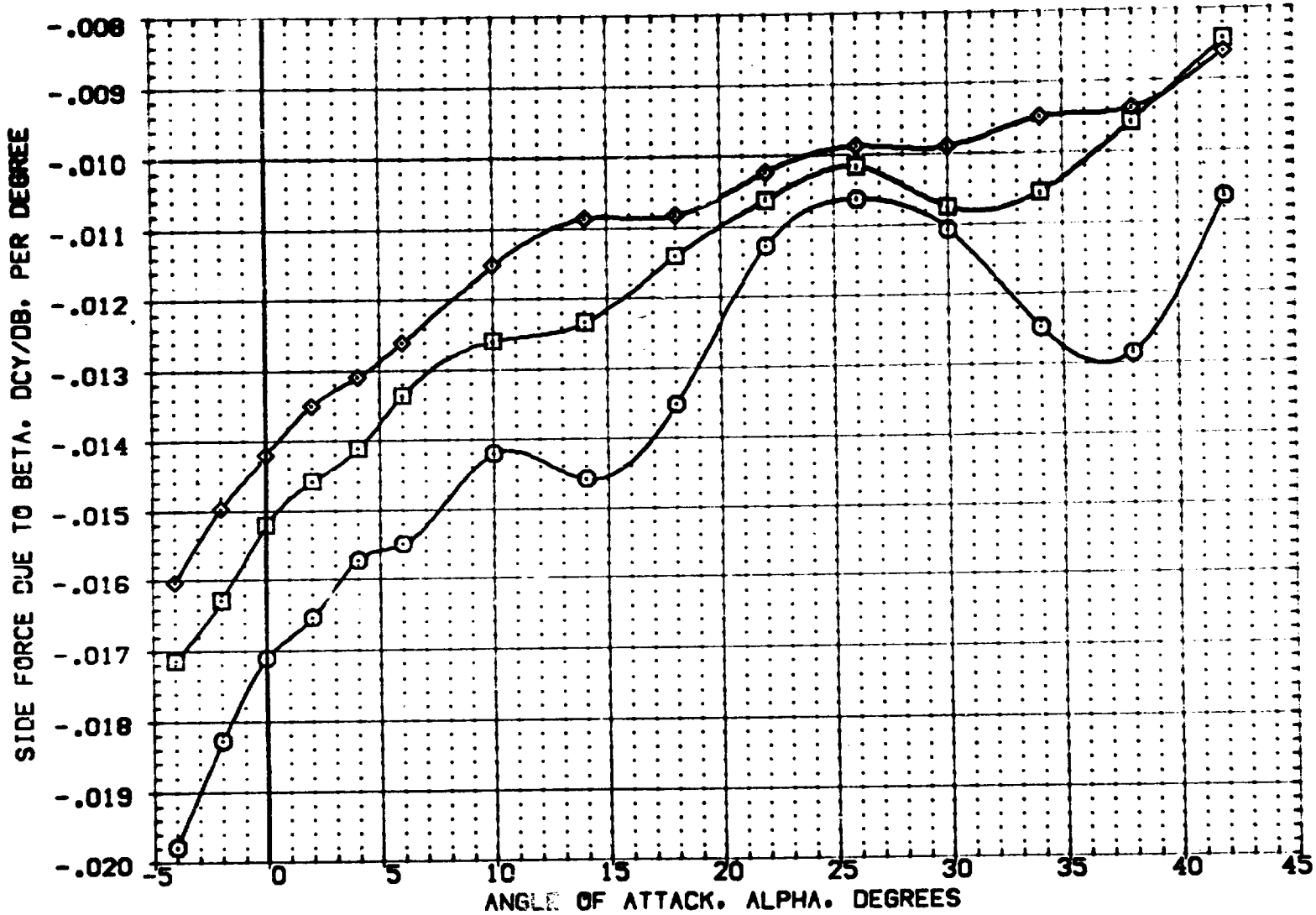


LATERAL-DIRECTIONAL (ALPHA SWEEP)-89B CONFIG

(C)MACH = 4.60

SYMBOL	MACH		PARAMETRIC VALUES		
○	2.500	ELEVTR	.000	AILRON	.000
□	3.800	RUDDER	.000	BOFLAP	-14.250
◇	4.800	SPOBRK	54.920		

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1228	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

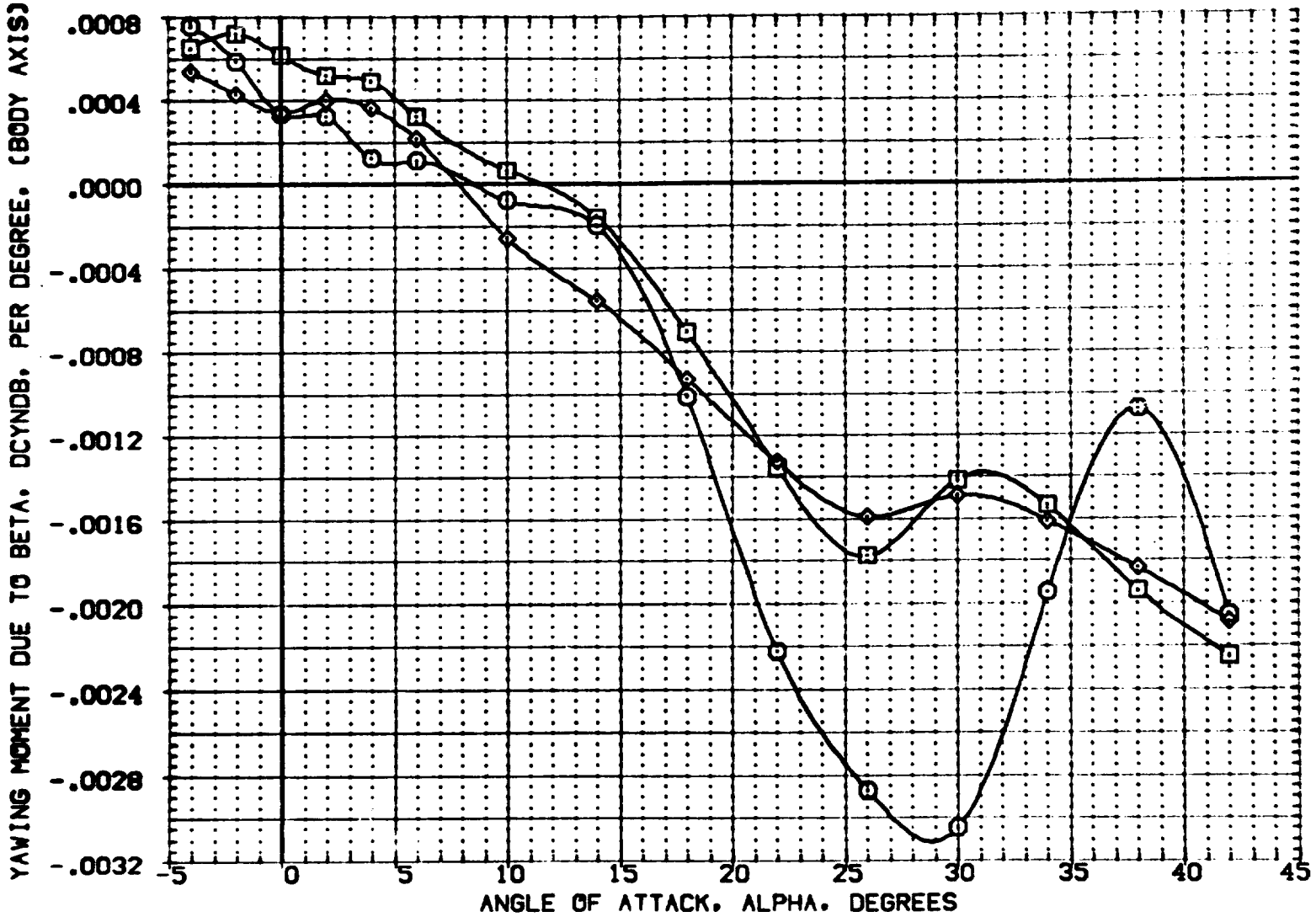


LATERAL-DIRECTIONAL DERIVATIVES (ALPHA SWEEP) -89B CONFIG

OA44 UPWT 1035 CONF-2A B1OC5D7M3F4W87E18R5V5X16 (FPN003)

SYMBOL	MACH		PARAMETRIC VALUES		
○	2.500	ELEVTR	.000	AILRON	.000
□	3.800	RUDDER	.000	BDFLAP	-14.250
◇	4.600	SPDBRK	54.920		

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



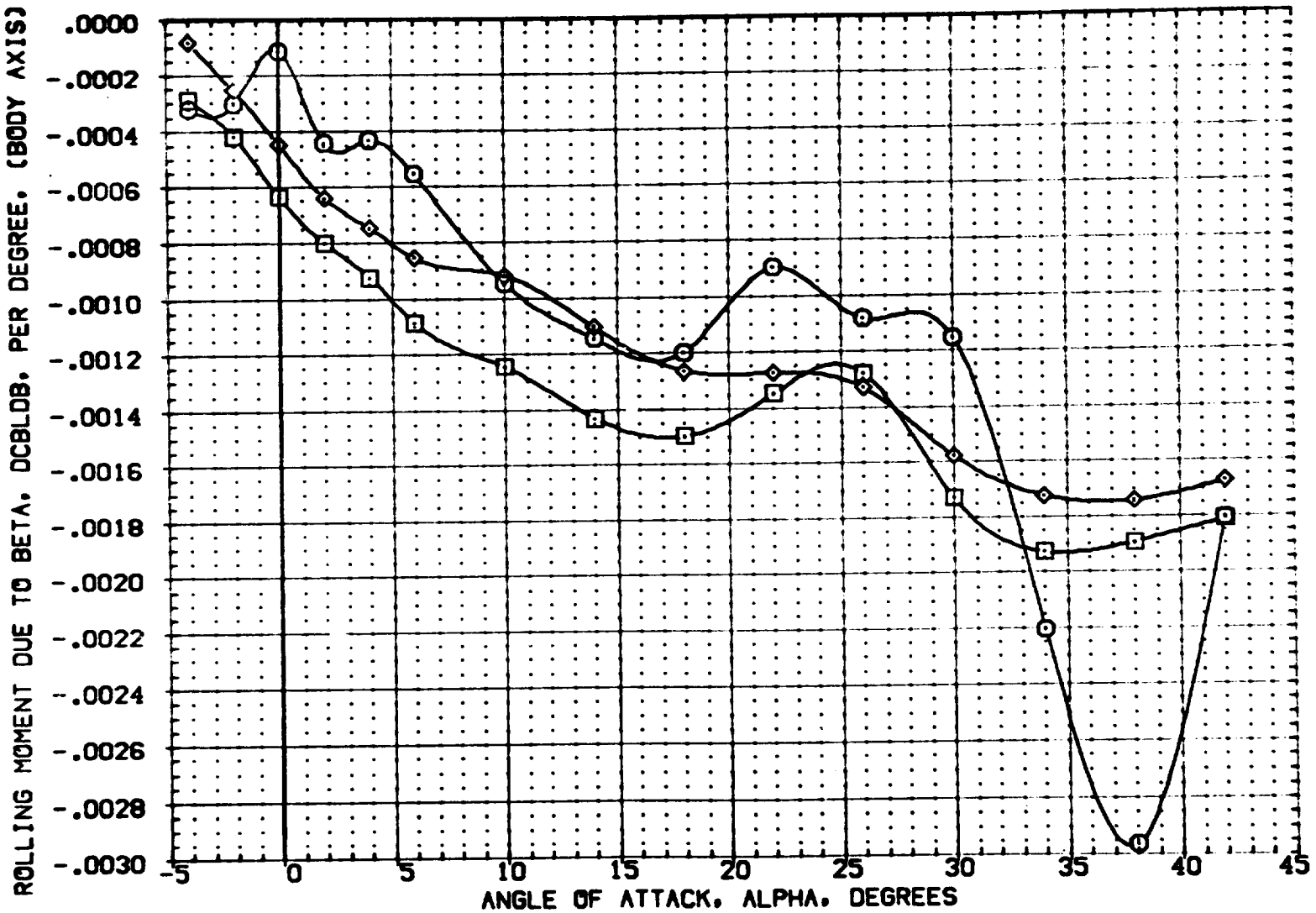
LATERAL-DIRECTIONAL DERIVATIVES (ALPHA SWEEP) -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (FPN003)

SYMBOL	MACH		PARAMETRIC VALUES		
○	2.500	ELEVTR	.000	AILRON	.000
□	3.900	RUDDER	.000	BOFLAP	-14.250
◇	4.600	SPDBRK	54.920		

REFERENCE INFORMATION

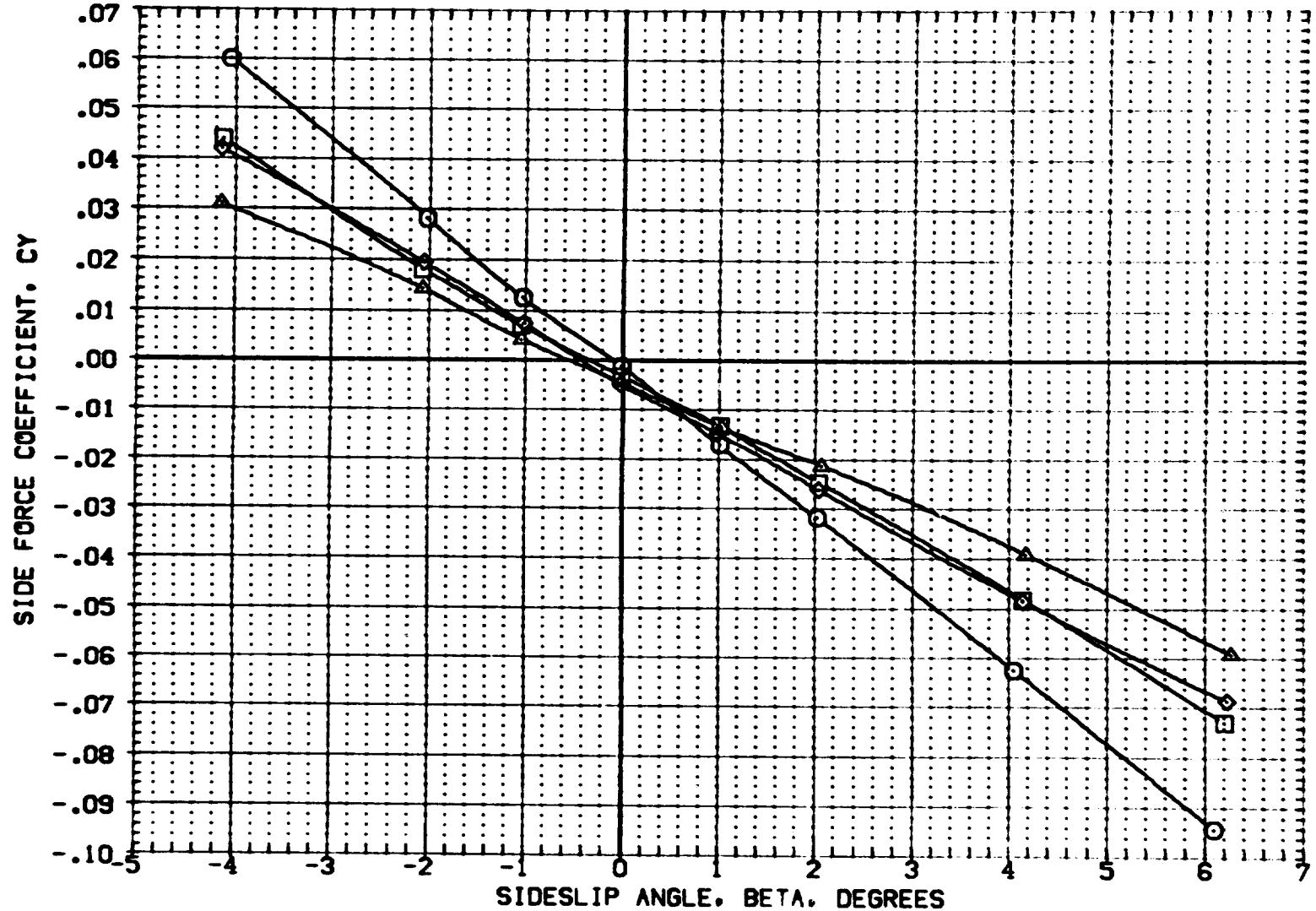
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



LATERAL-DIRECTIONAL DERIVATIVES (ALPHA SWEEP) -89B CONFIG

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	BOFLAP	SPDBRK
(RPNA14)	○	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	.000	.000	-14.250	54.920
(RPNA15)	□	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	20.000	.000	-14.250	54.920
(RPNA16)	◇	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	30.000	.000	-14.250	54.920
(RPNA17)	△	0A44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16	40.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

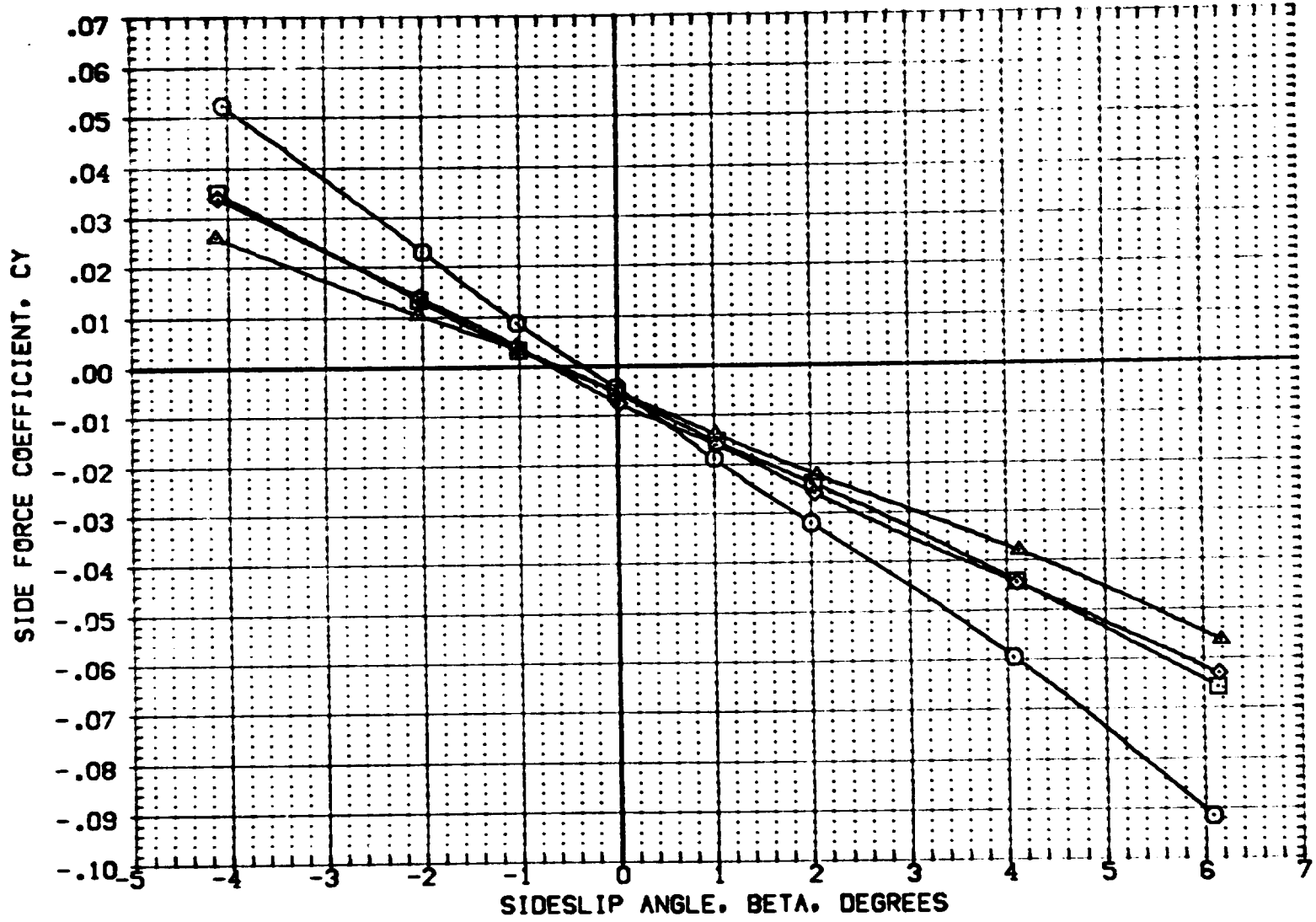


LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(MACH = 3.80

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	BDFLAP	SPDBRK
(RPNA14)	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E16R5V5X16	.000	.000	-14.250	54.920
(RPNA15)	◇	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E16R5V5X16	20.000	.000	-14.250	54.920
(RPNA16)	◇	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E16R5V5X16	30.000	.000	-14.250	54.920
(RPNA17)	△	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E16R5V5X16	40.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1489	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.015C	SCALE

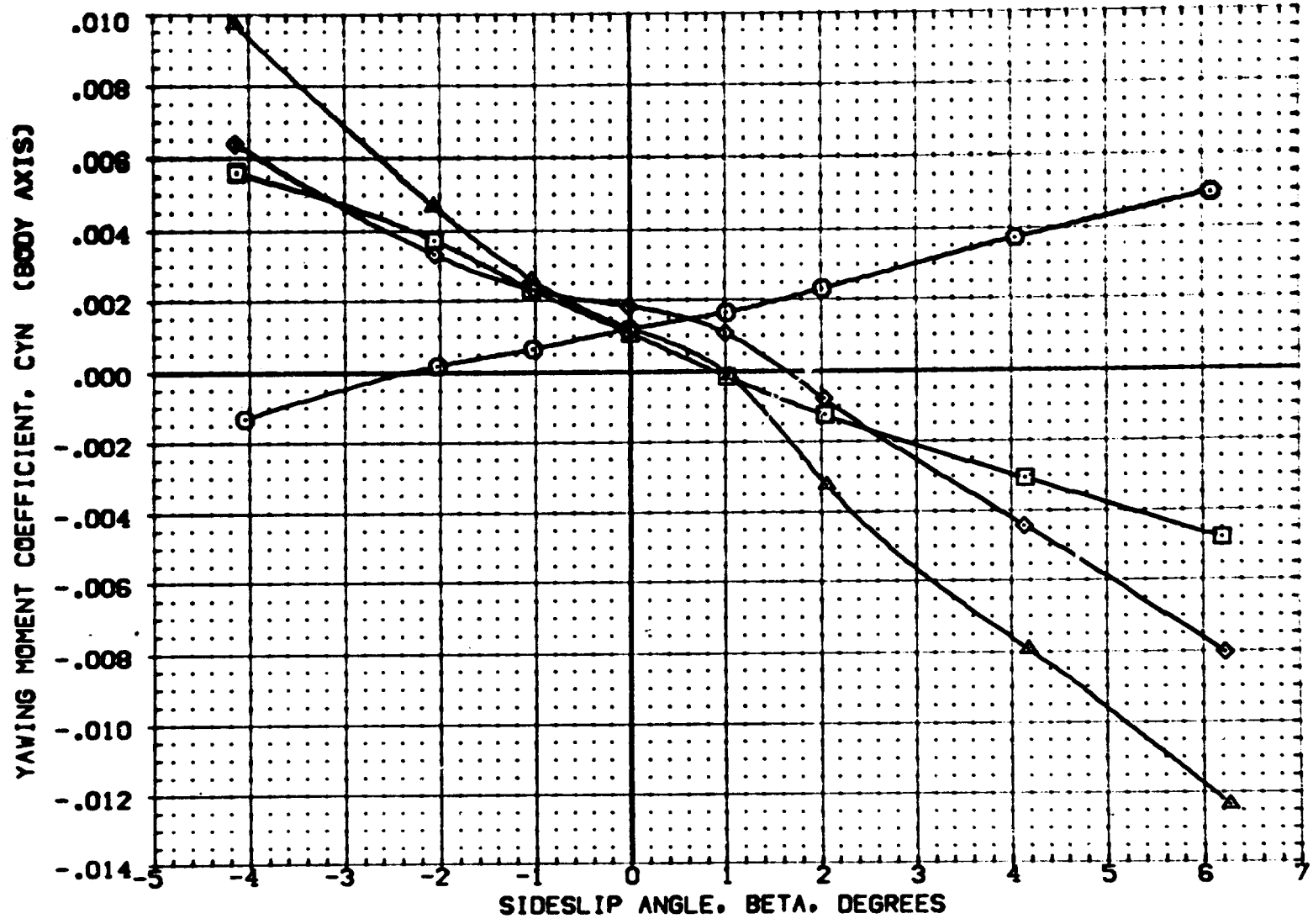


LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(B)MACH = 4.60

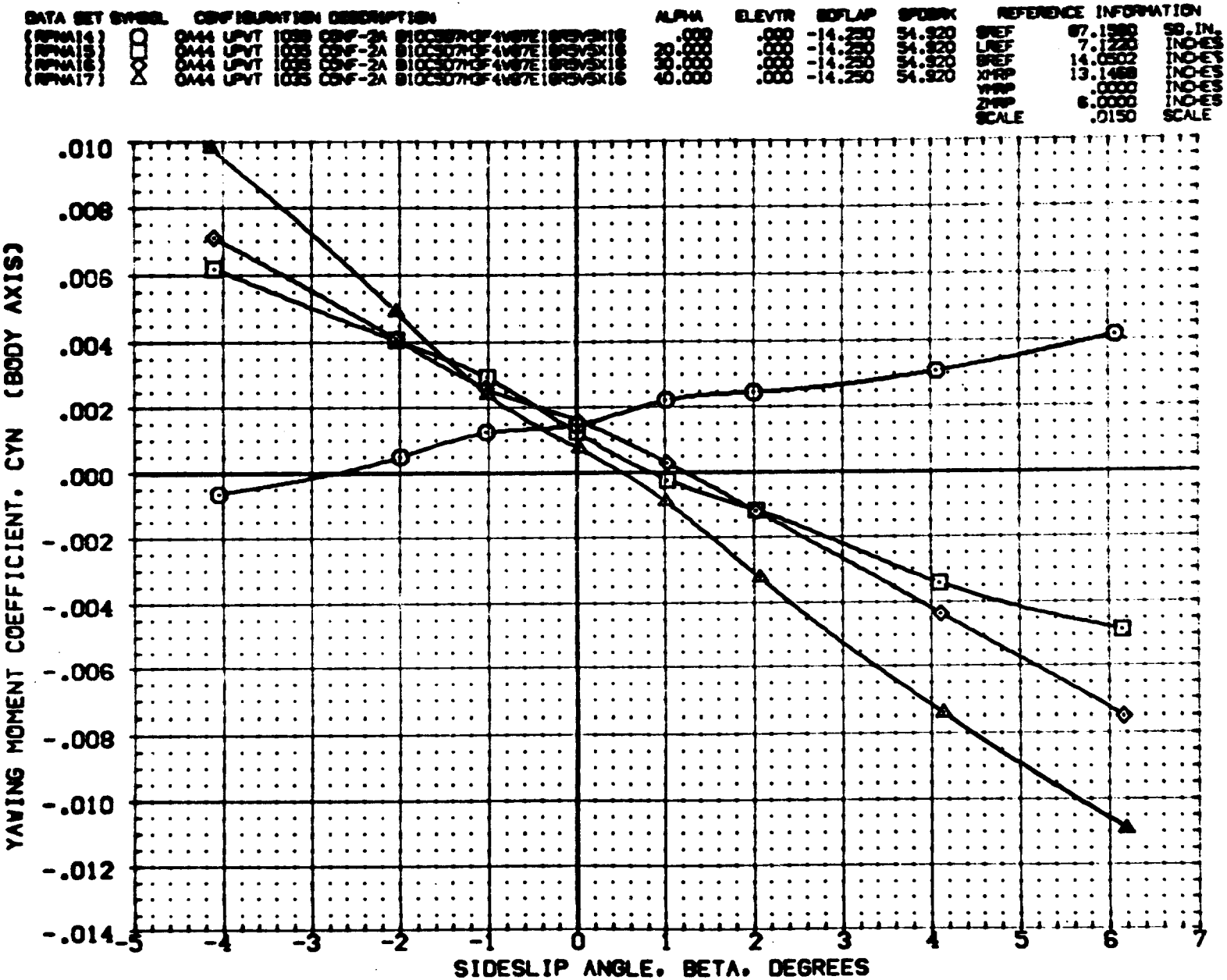
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	BDFLAP	SPDBRK
(RPNA14)	0A44 UPVT 1035 CONF-2A B10CS07HGF4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNA15)	0A44 UPVT 1035 CONF-2A B10CS07HGF4V87E18R5V5X16	20.000	.000	-14.250	54.920
(RPNA16)	0A44 UPVT 1035 CONF-2A B10CS07HGF4V87E18R5V5X16	30.000	.000	-14.250	54.920
(RPNA17)	0A44 UPVT 1035 CONF-2A B10CS07HGF4V87E18R5V5X16	40.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(A)MACH = 3.90

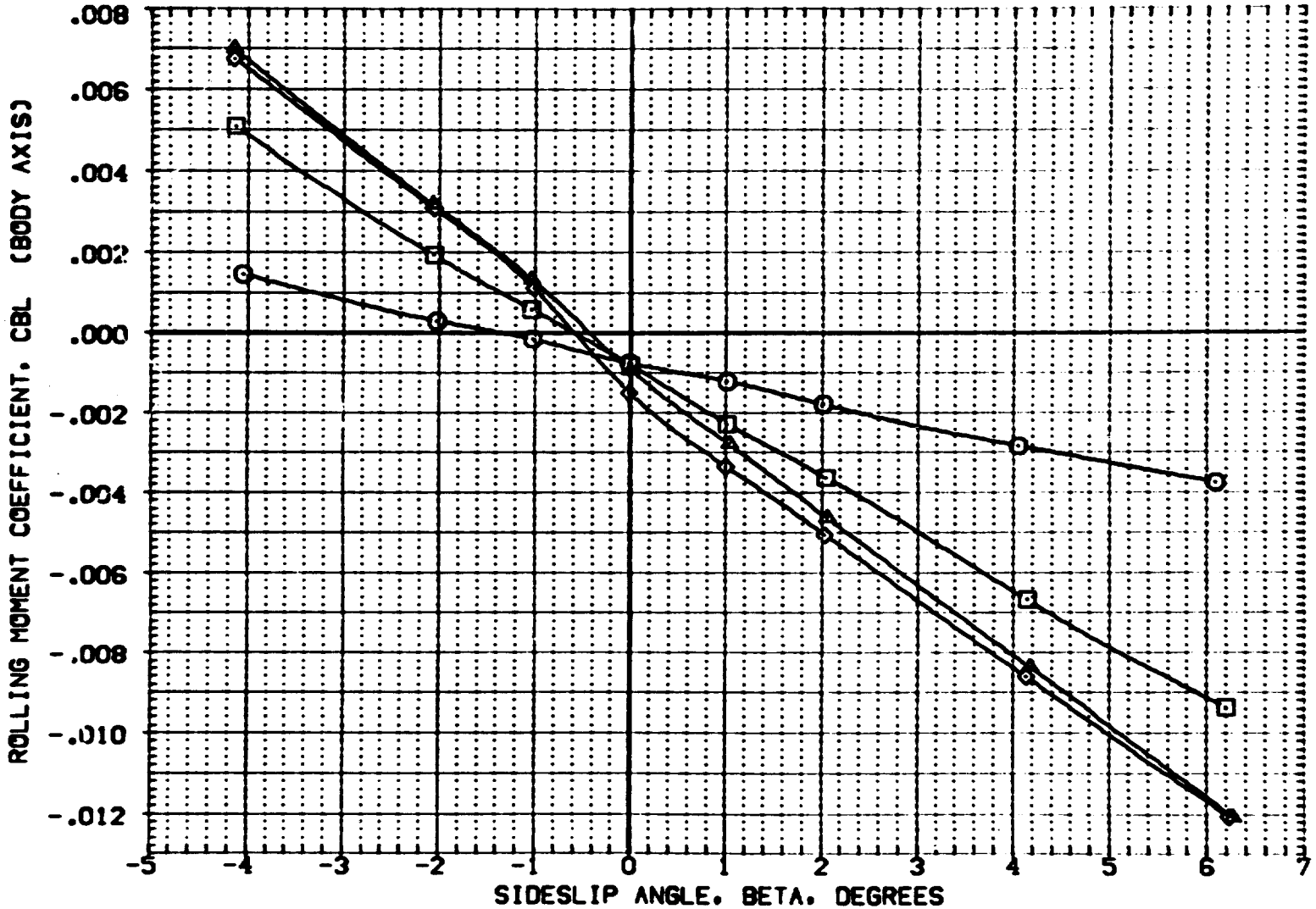


LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(B)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	BDFLAP	SPDBRK
(RPNA14)	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	.000	.000	-14.250	54.920
(RPNA15)	⊠	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	20.000	.000	-14.250	54.920
(RPNA16)	⊠	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	30.000	.000	-14.250	54.920
(RPNA17)	△	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E18R5V5X16	40.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



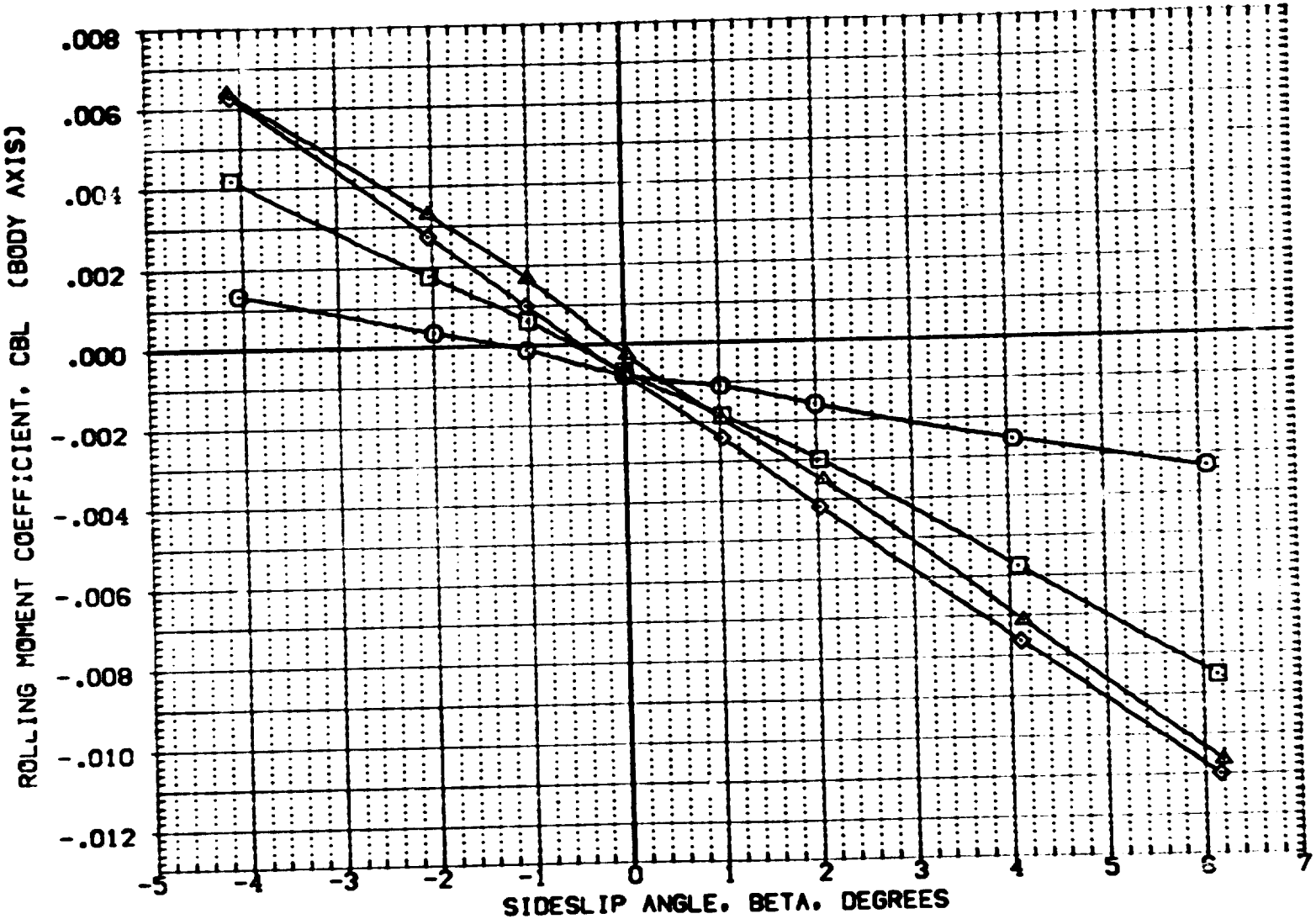
LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(A)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVTR	BDFLAP	SPOILRK
[illegible]	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1BR5V5X16	.000	.000	-14.250	54.920
[illegible]	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1BR5V5X16	20.000	.000	-14.250	54.920
[illegible]	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1BR5V5X16	40.000	.000	-14.250	54.920
[illegible]	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E1BR5V5X16				

REFERENCE INFORMATION

SREF	87.1320	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0582	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

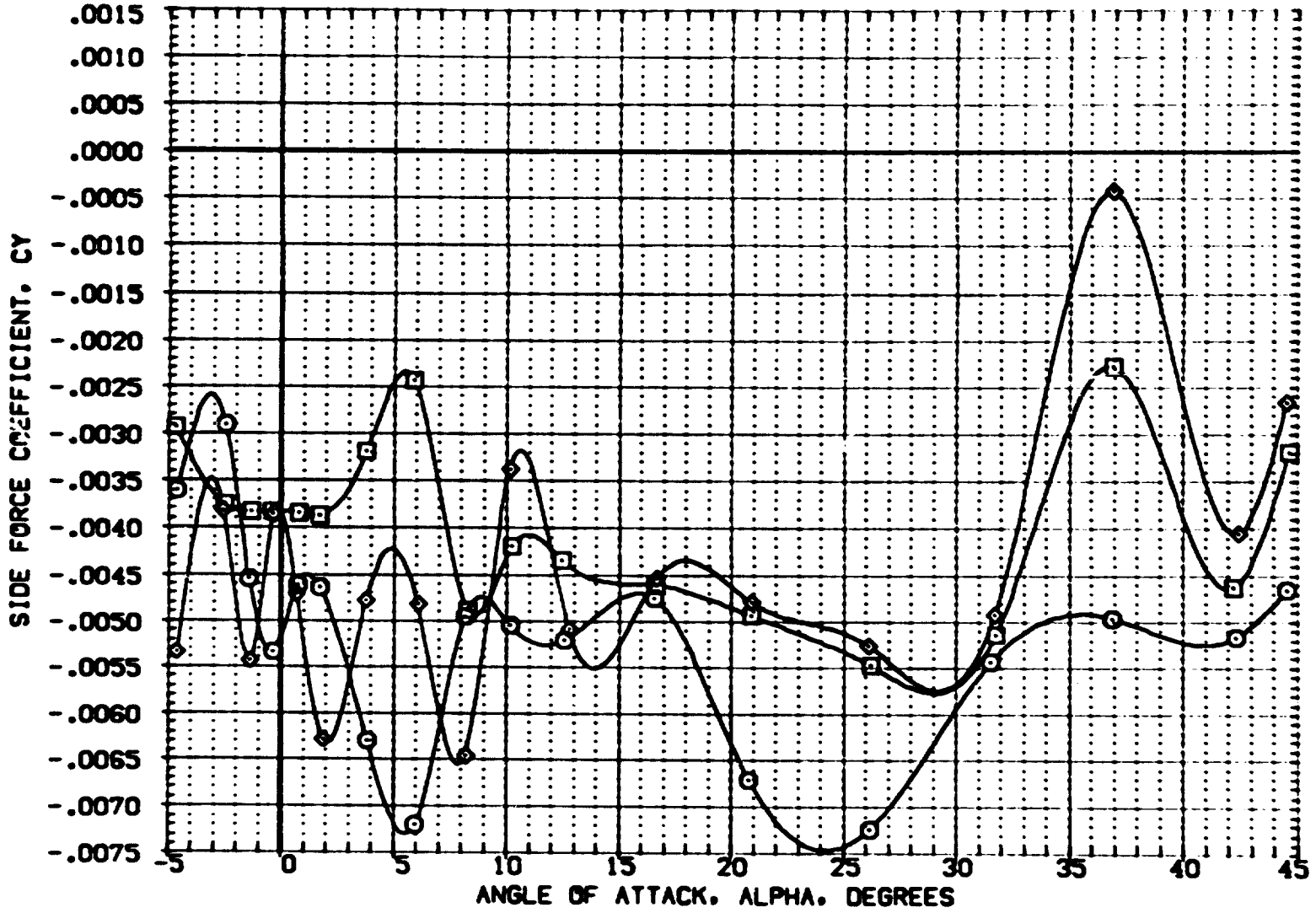


LATERAL-DIRECTIONAL CHARACTERISTICS (BETA SWEEP) -89B CONFIG

(B)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RPNA08)	○	0A44 UPWT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	5.000	.000	.000	-14.250
(RPNA10)	□	0A44 UPWT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	5.000	.000	-10.000	-14.250
(RPNA11)	◇	0A44 UPWT 1035 CONF-2A B10CSD7MGF4V87E18R5V5X16	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

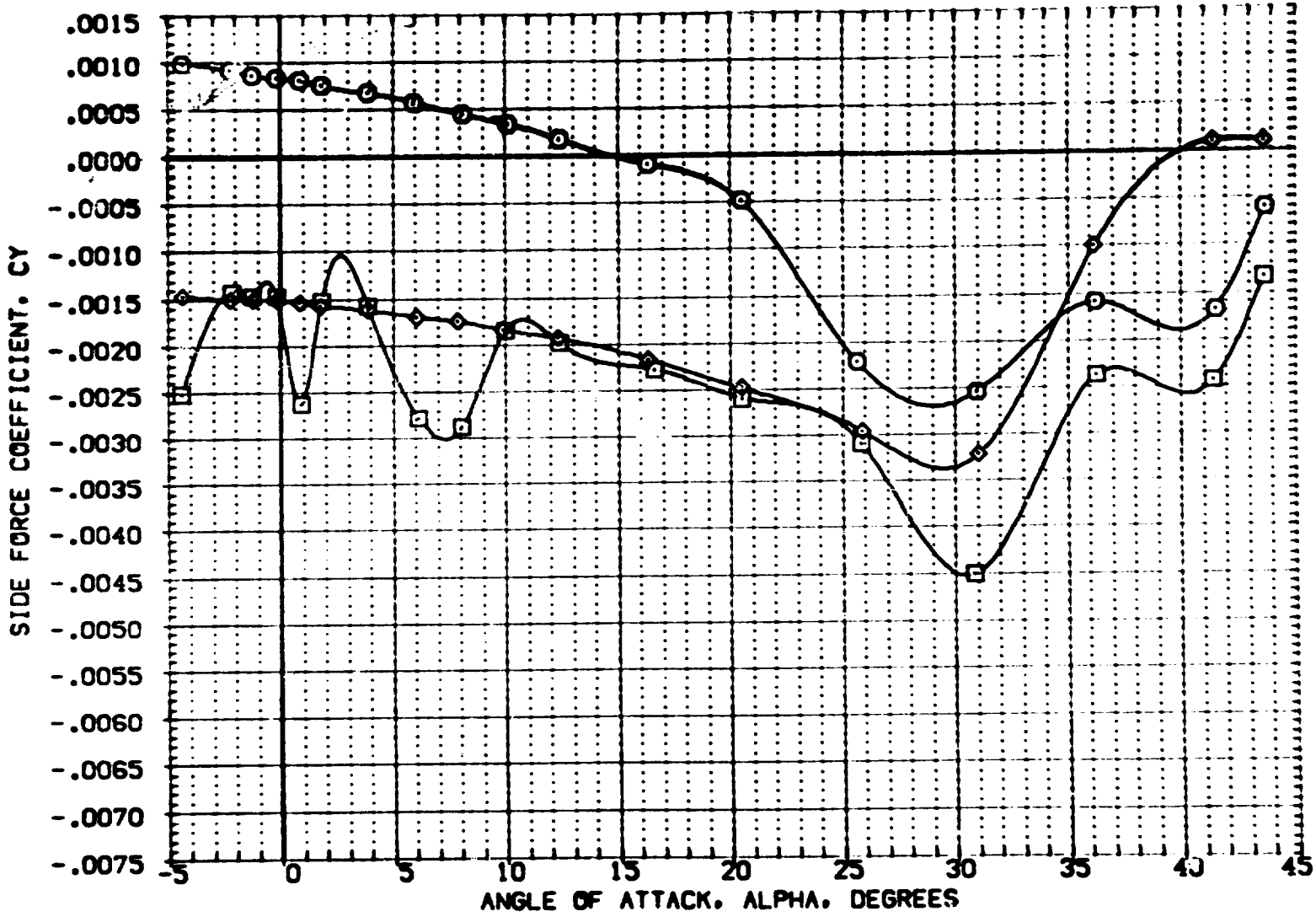


AILERONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RFNA09)	0A44 UPVT 1085 CONF-2A B1OCS07HOF4W87E1[illegible]	8.000	.000	.000	-14.250
(RFNA10)	0A44 UPVT 1085 CONF-2A B1OCS07HOF4W87E1[illegible]	8.000	.000	-10.000	-14.250
(RFNA11)	0A44 UPVT 1085 CONF-2A B1OCS07HOF4W87E1[illegible]	8.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

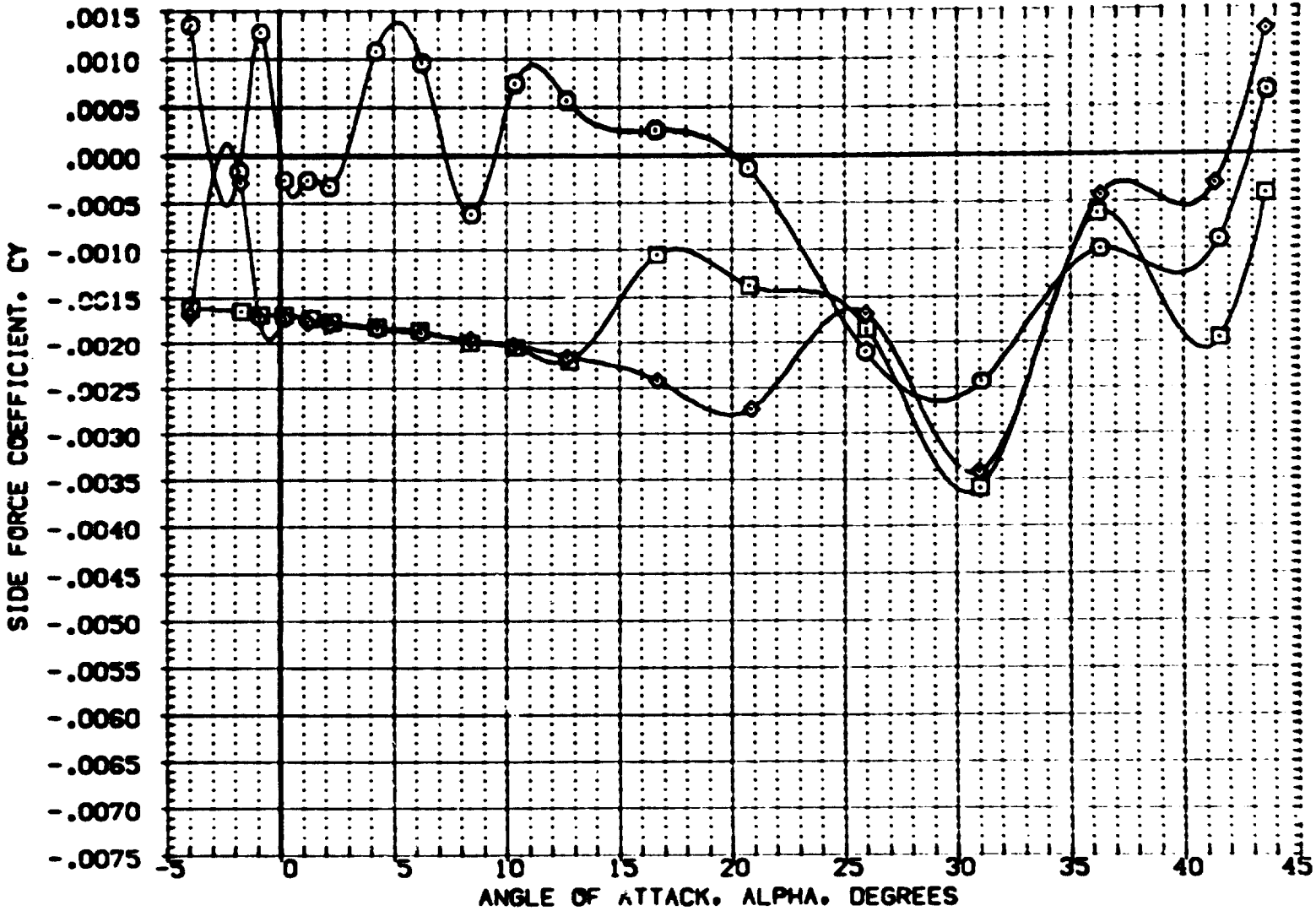


AILERONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

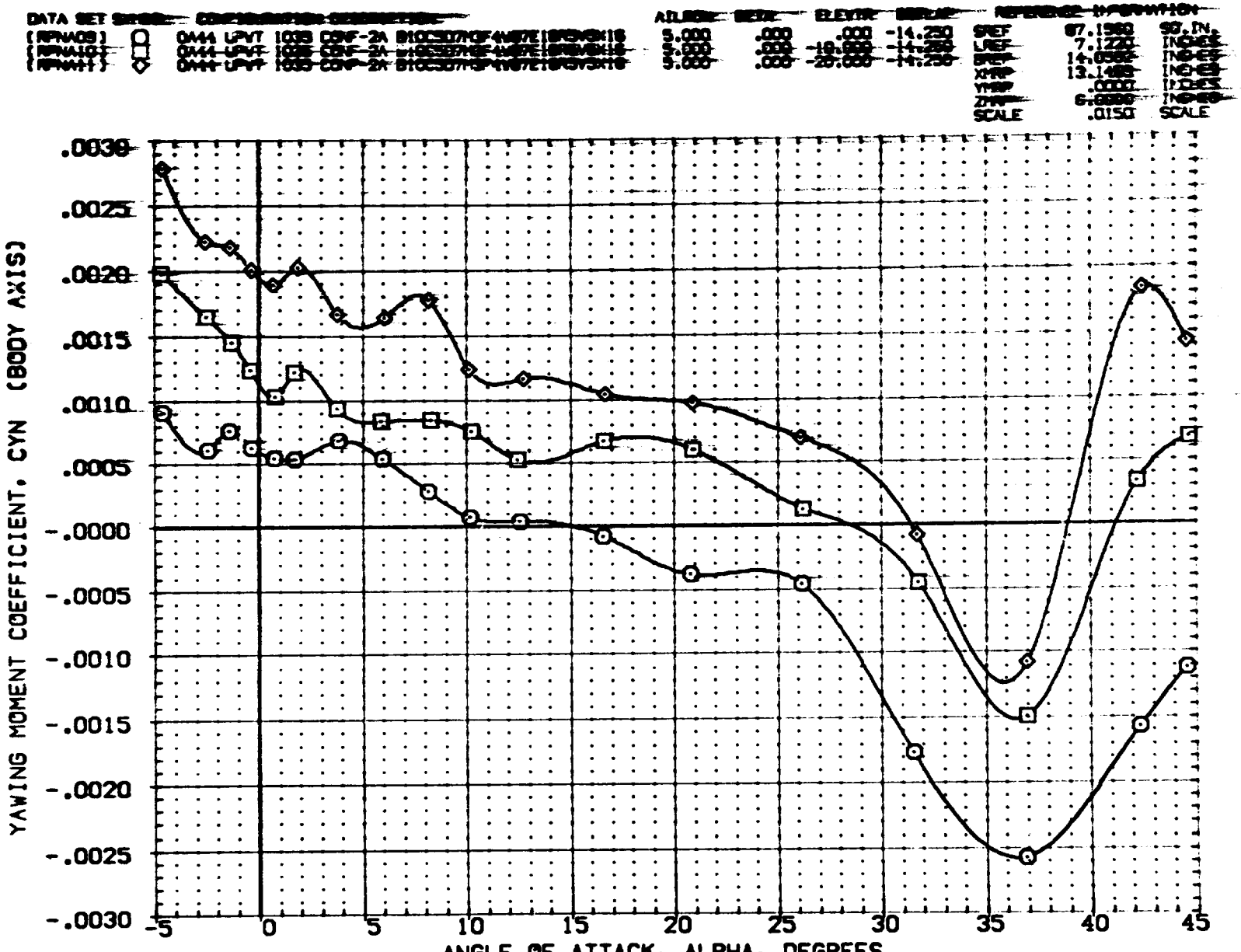
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RPHA08)	0A44 UPVT 1035 CONF-2A B10C307HGF4W87E1BR5V5X16	5.000	.000	.000	-14.250
(RPHA10)	0A44 UPVT 1035 CONF-2A B10C307HGF4W87E1BR5V5X16	5.000	.000	-10.000	-14.250
(RPHA11)	0A44 UPVT 1035 CONF-2A B10C307HGF4W87E1BR5V5X16	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



AILERONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

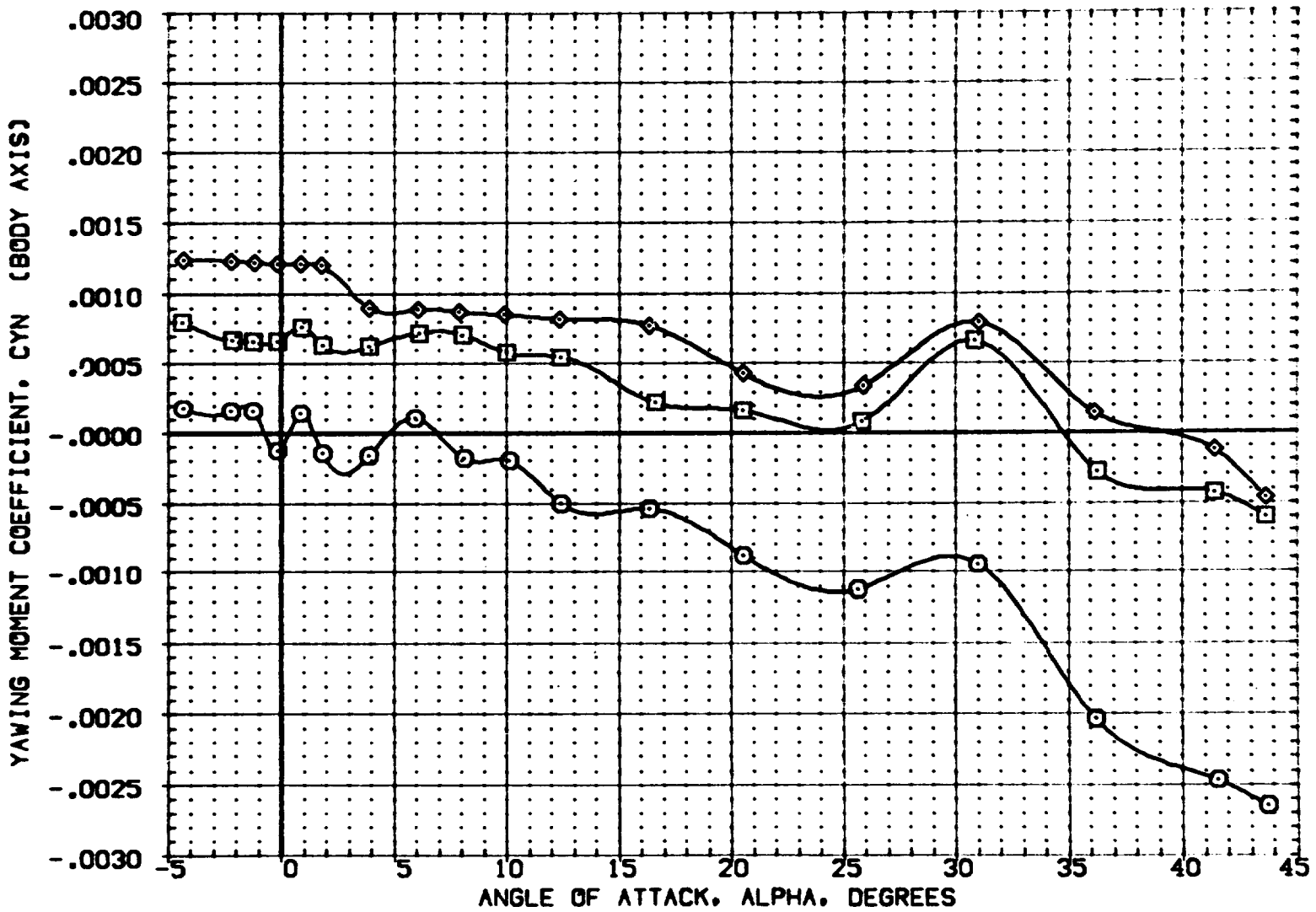


AILERONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ILRON	BETA	ELEVTR	BDFLAP
(RPNA09) ○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	.000	-14.250
(RPNA10) □	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	-10.000	-14.250
(RPNA11) ◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

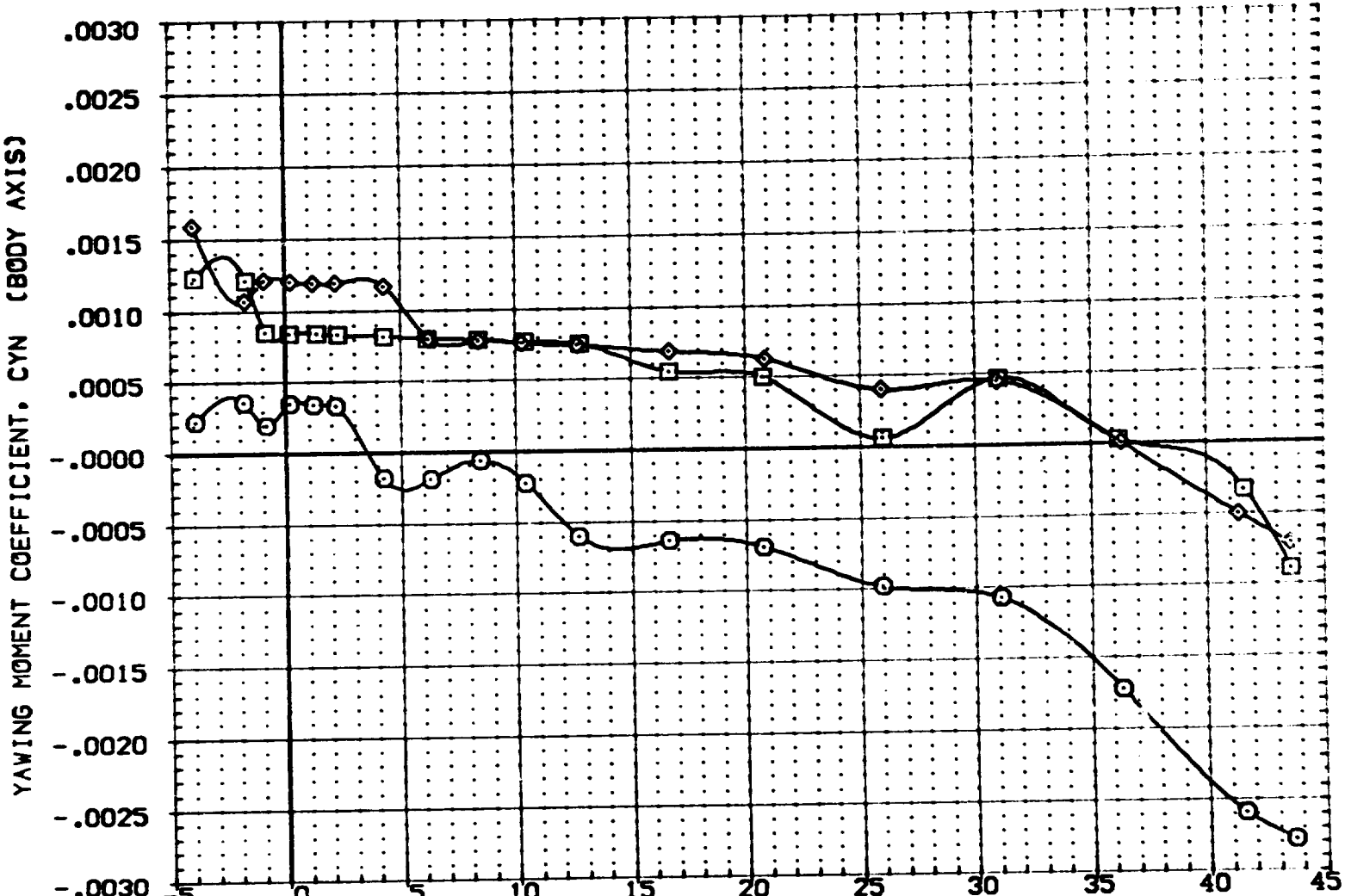


AILERONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RPNA09) ○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	.000	-14.250
(RPNA10) □	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	-10.000	-14.250
(RPNA11) ◇	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

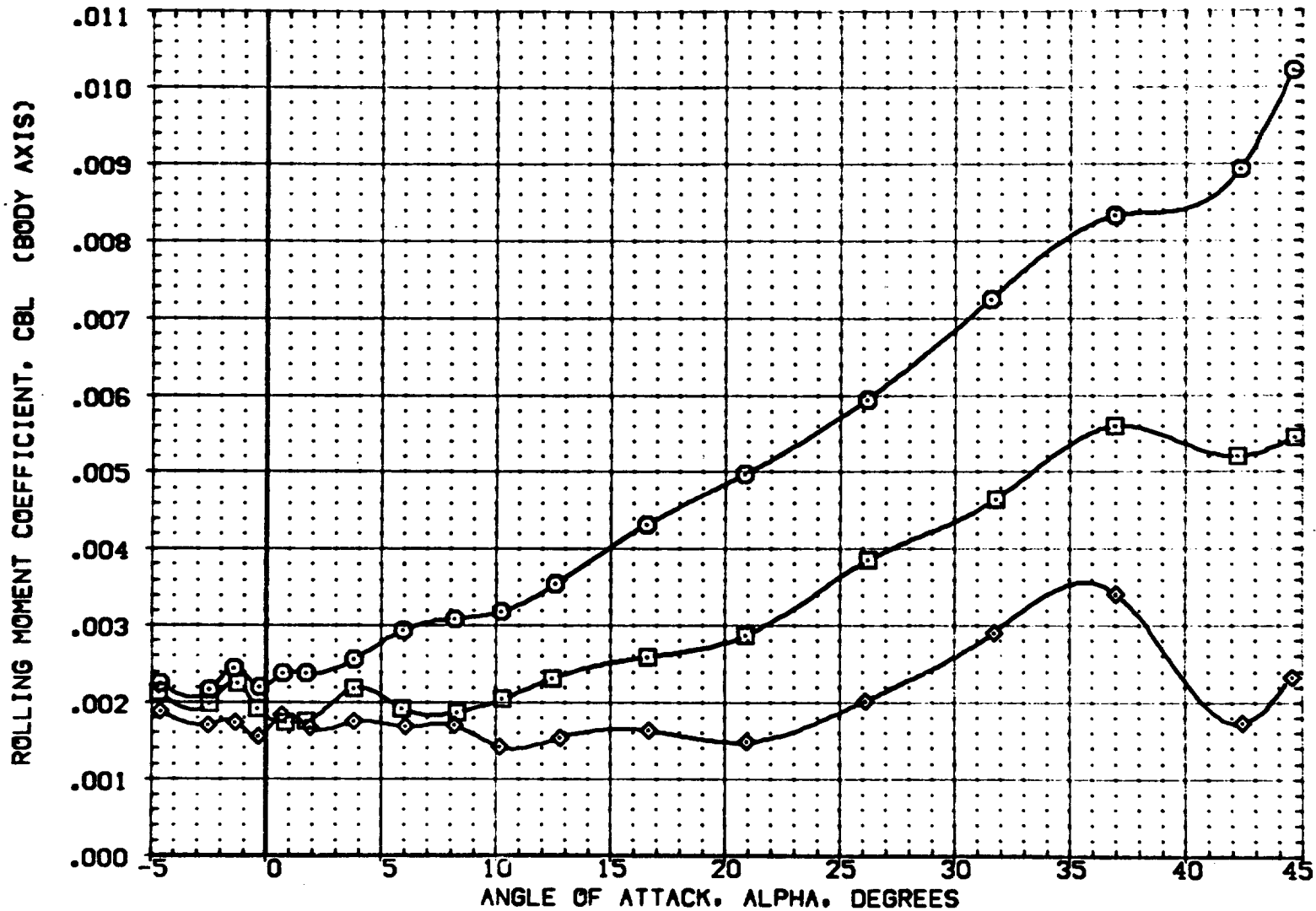


AILERONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RPNA09)	○	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E10R5V5X16	5.000	.000	.000	-14.250
(RPNA10)	□	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E10R5V5X16	5.000	.000	-10.000	-14.250
(RPNA11)	◇	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E10R5V5X16	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

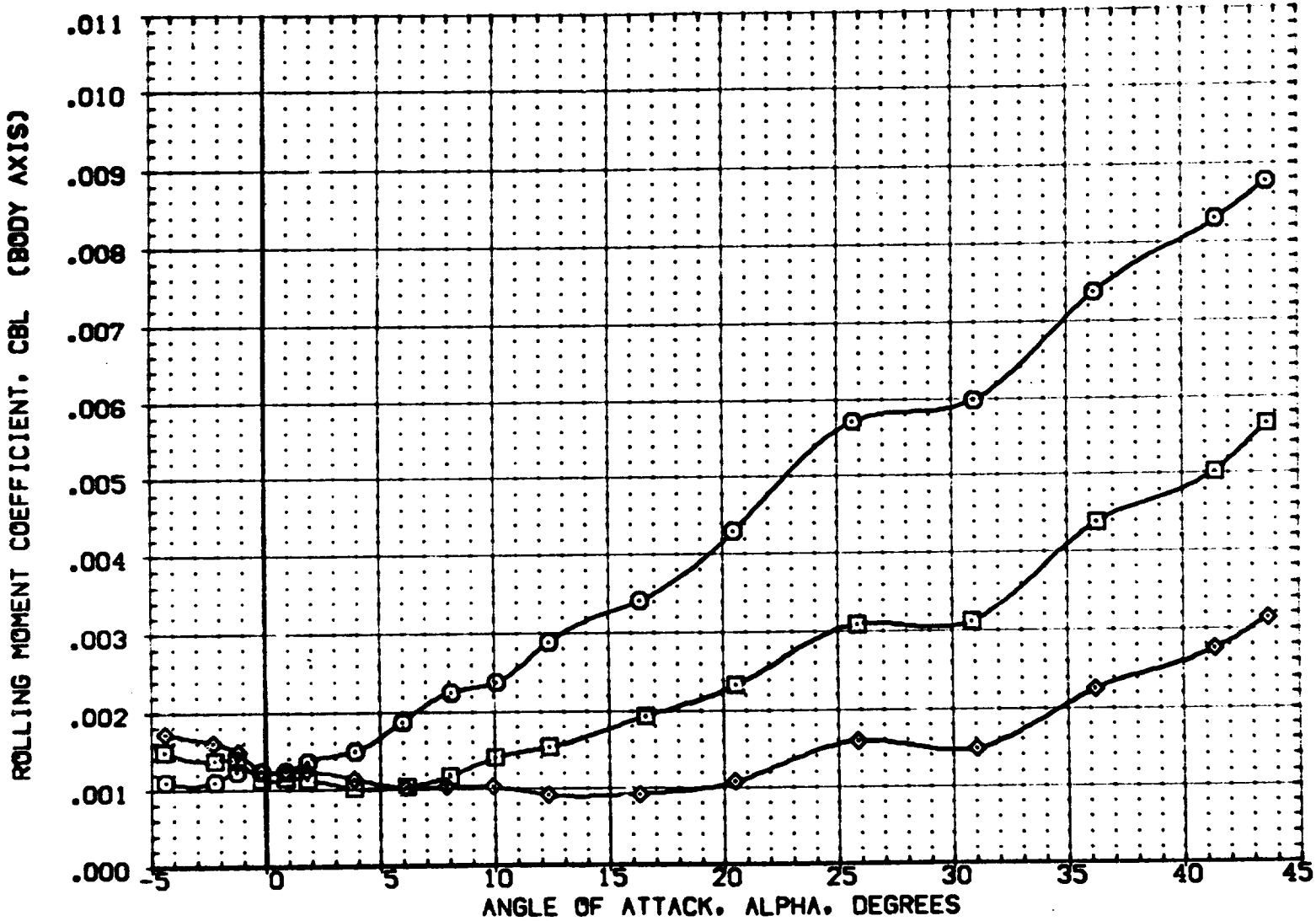


AILERONS DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILRON	BETA	ELEVTR	BDFLAP
(RPNA08)	0A44 UPVT 1095 CONF-2A B10C[illegible]	5.000	.000	.000	-14.250
(RPNA10)	0A44 UPVT 1095 CONF-2A B10C[illegible]	5.000	.000	-10.000	-14.250
(RPNA11)	0A44 UPVT 1095 CONF-2A B10C[illegible]	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

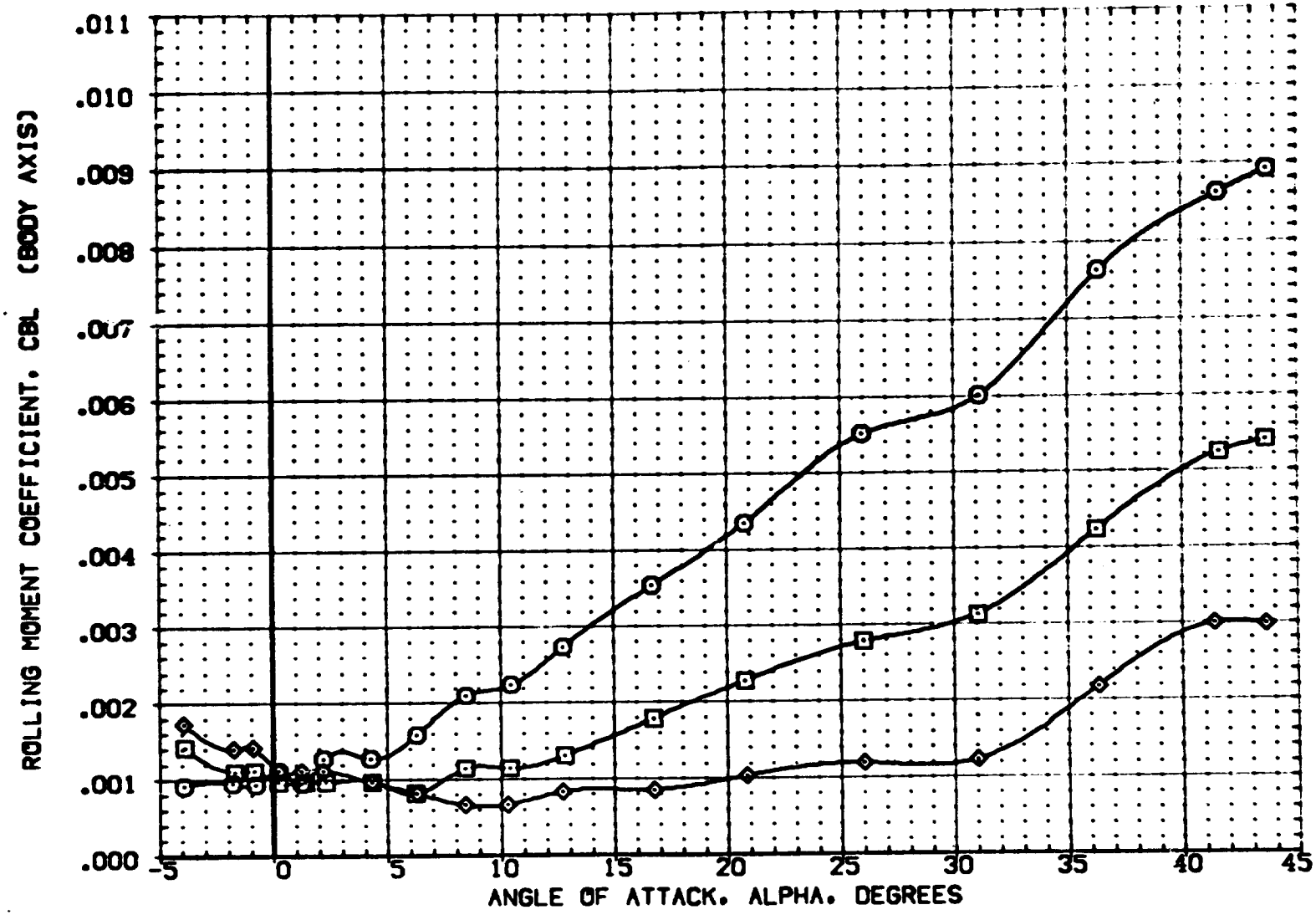


AILERONS DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILERON	BETA	ELEVTR	BDFLAP
(RPNA08)	0A44 UPVT 1005 CONF-2A B10C5D7HOF4V87E[illegible]	5.000	.000	.000	-14.250
(RPNA10)	0A44 UPVT 1005 CONF-2A B10C5D7HOF4V87E[illegible]	5.000	.000	-10.000	-14.250
(RPNA11)	0A44 UPVT 1005 CONF-2A B10C5D7HOF4V87E[illegible]	5.000	.000	-20.000	-14.250

REFERENCE INFORMATION		
SREF	87.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



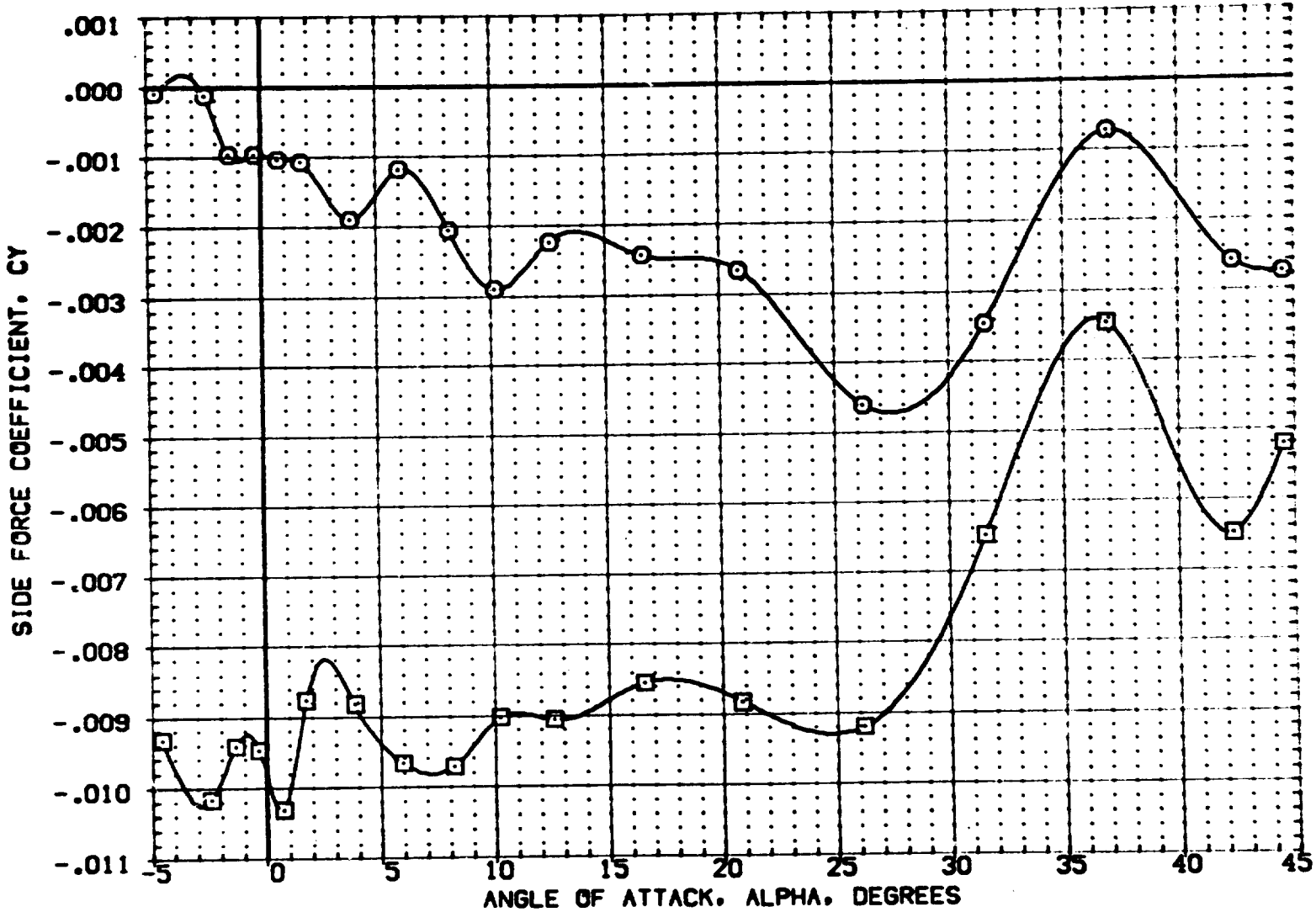
AILERONS DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPDBRK	BOFLAP	RUDDER
(RPNW02)	0A44 UPVT 1035 CONF-2A B10C507H3F4W87E1BR5W5X18	.000	54.920	-14.250	.000
(RPNA12)	0A44 UPVT 1035 CONF-2A B10C507H3F4W87E1BR5V5X18	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1468	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

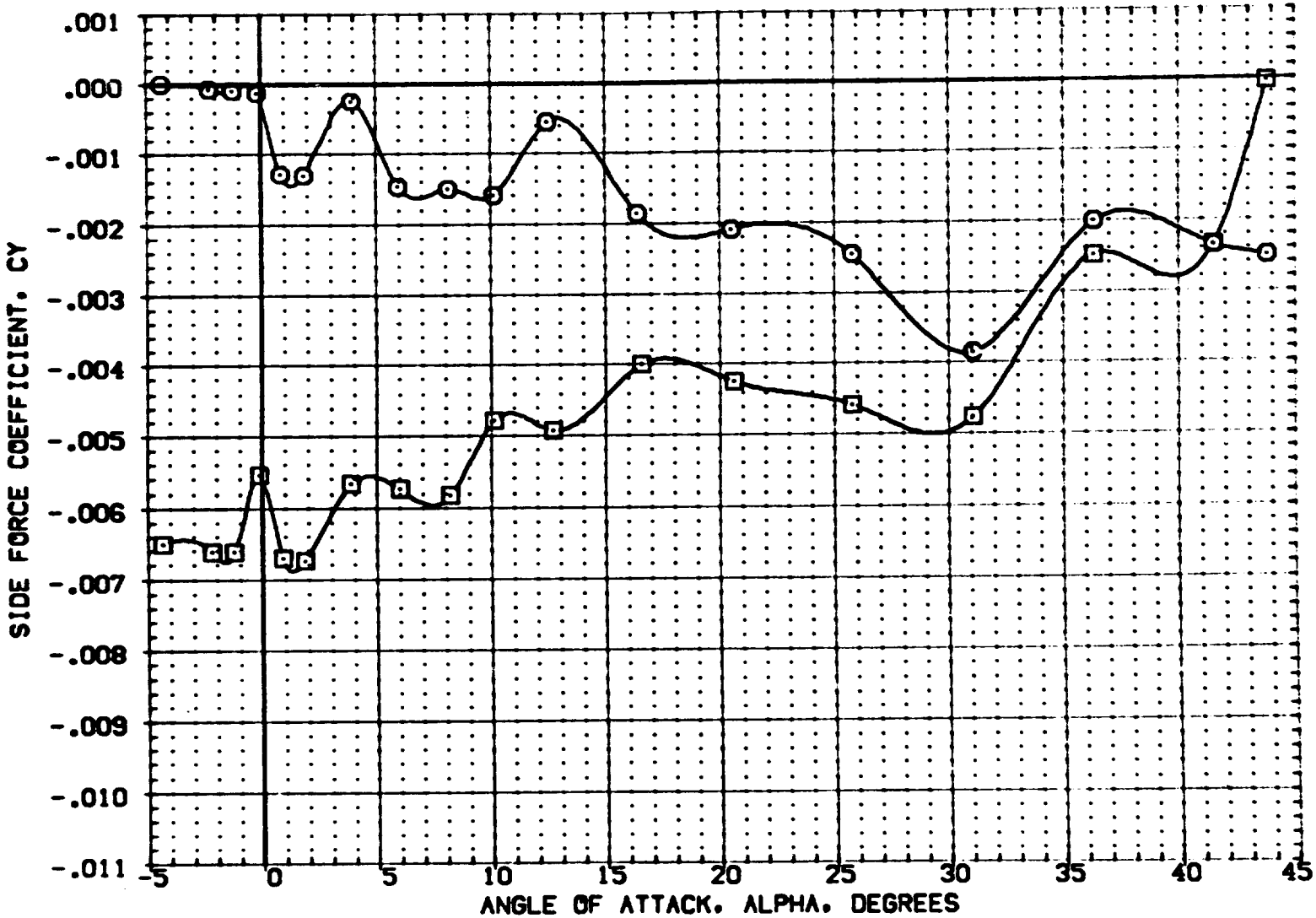


RUDDER DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPNA02)	0444 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	54.920	-14.250	.000
(RPNA12)	0444 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



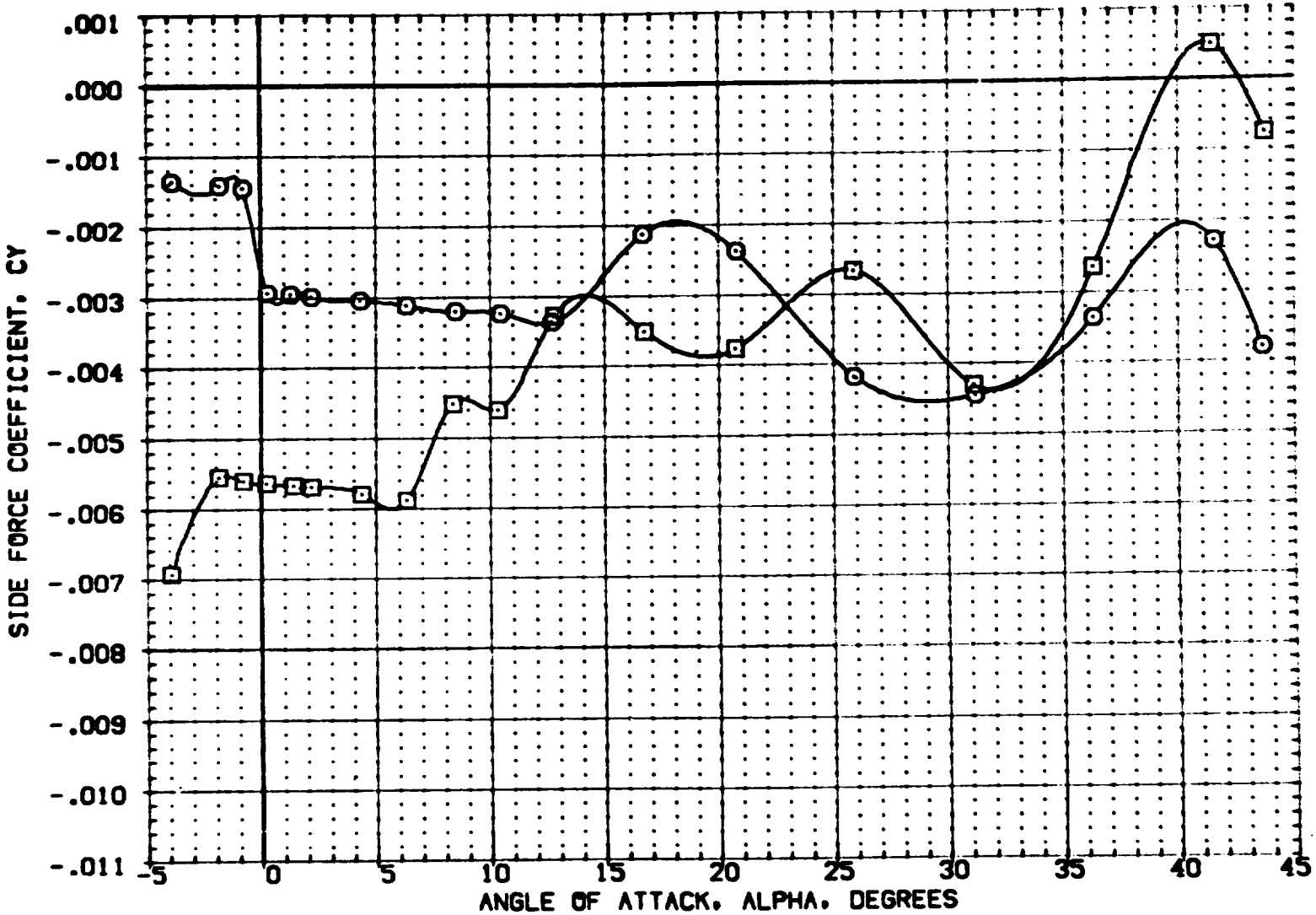
RUDDER DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPHA02)	0A44 UPVT 1035 CONF-2A B10C307HDF4W87E1BBV5X16	.000	54.820	-14.250	.000
(RPHA12)	0A44 UPVT 1035 CONF-2A B10C307HDF4W87E1BBV5X16	.000	54.820	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1550	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1488	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

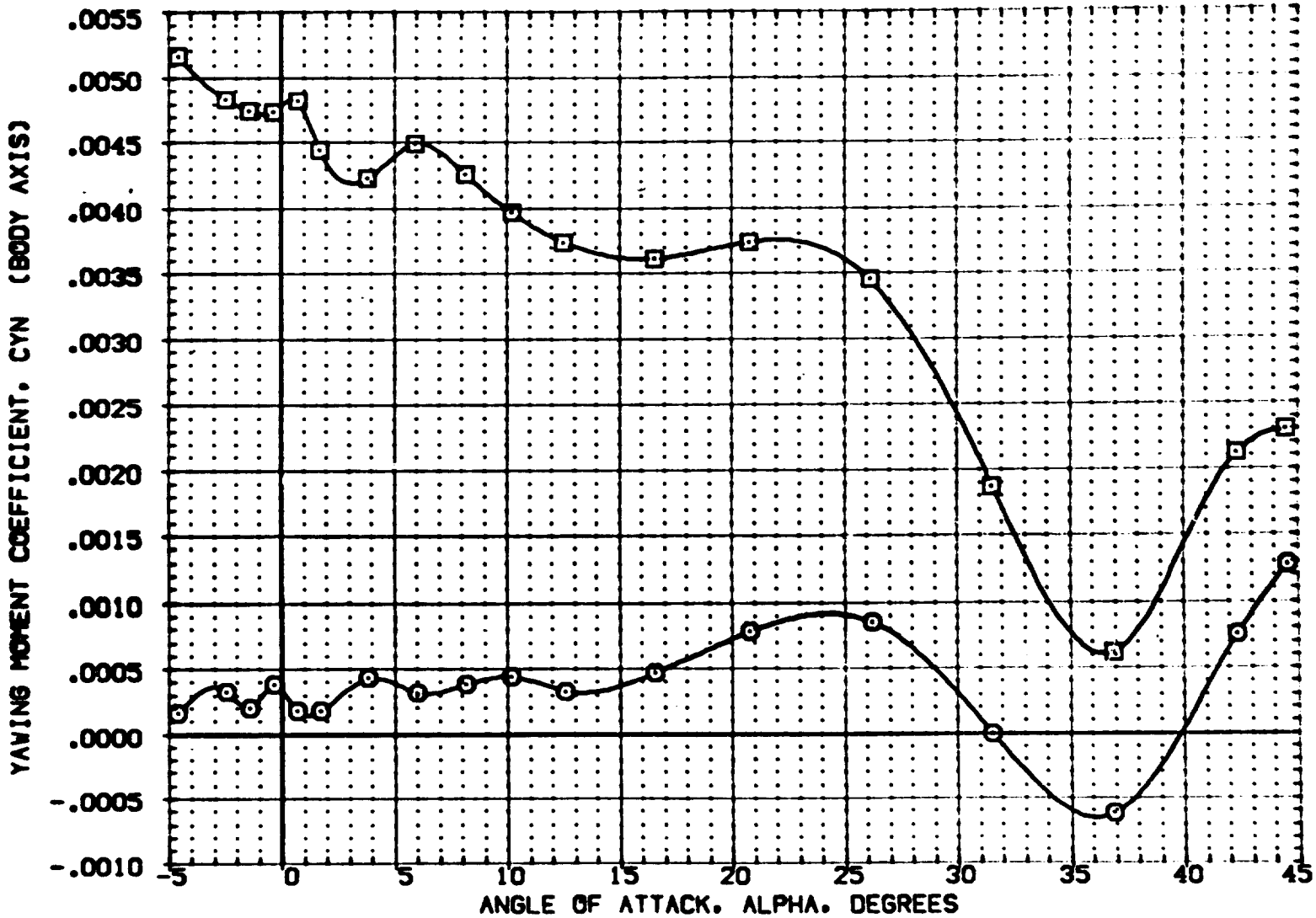


RUDDER DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	\/PDBRK	BDFLAP	RUDDER
(RPNA02) ○	0A44 UPVT 1035 CONF-2A B10CS07MDF4W87E18RBV5X18	.000	54.820	-14.250	.000
(RPNA12) □	0A44 UPVT 1035 CONF-2A B10CS07MDF4W87E18RBV5X18	.000	54.820	-14.250	-10.000

REFERENCE INFORMATION		
SREF	67.1380	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1459	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

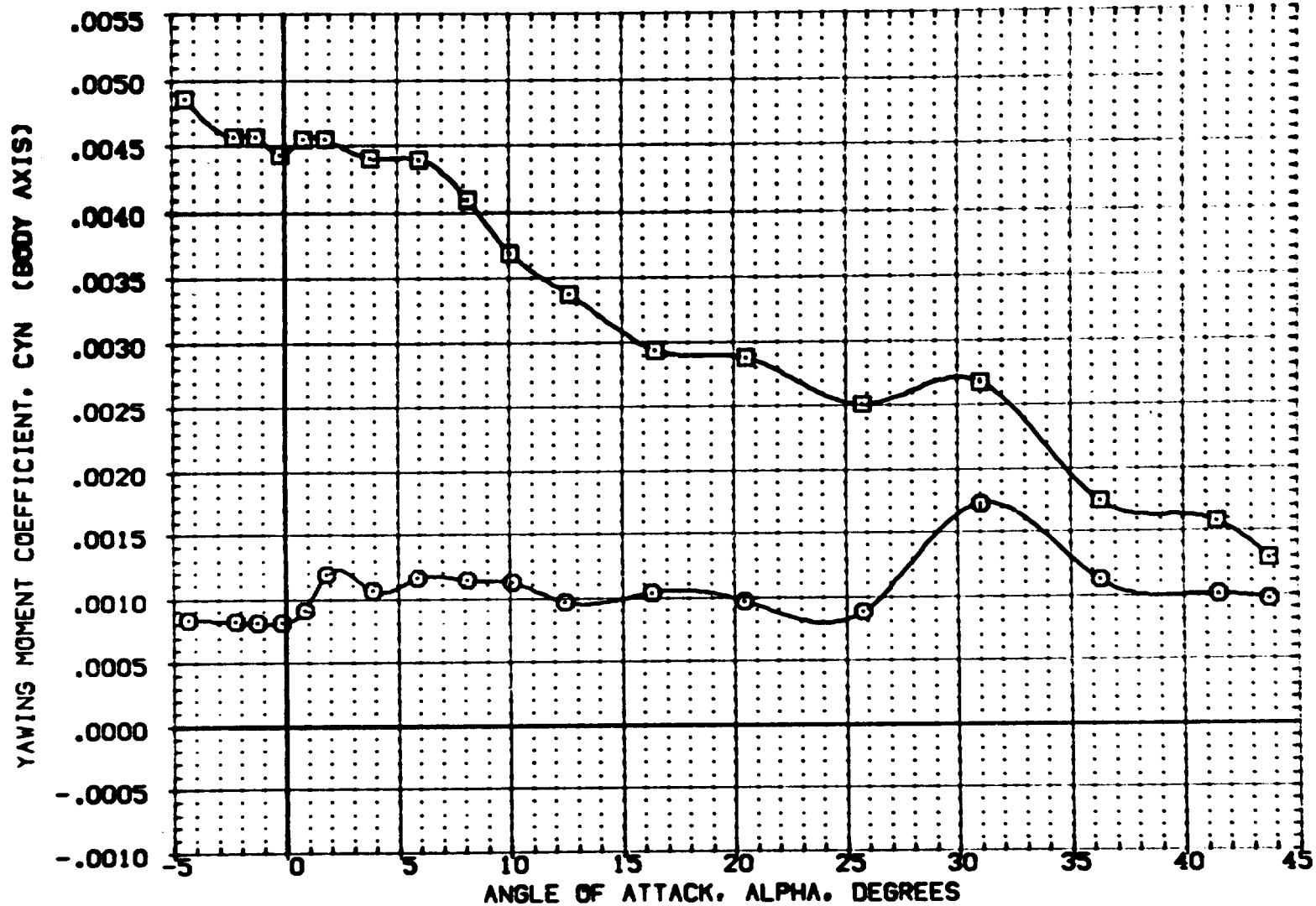


RUDDER DEFLECTED -89B CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPHA02)	0A44 UPVT 1055 CONF-2A B10C[illegible]	.000	54.920	-14.250	.000
(RPHA12)	0A44 UPVT 1055 CONF-2A B10C[illegible]	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0802	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



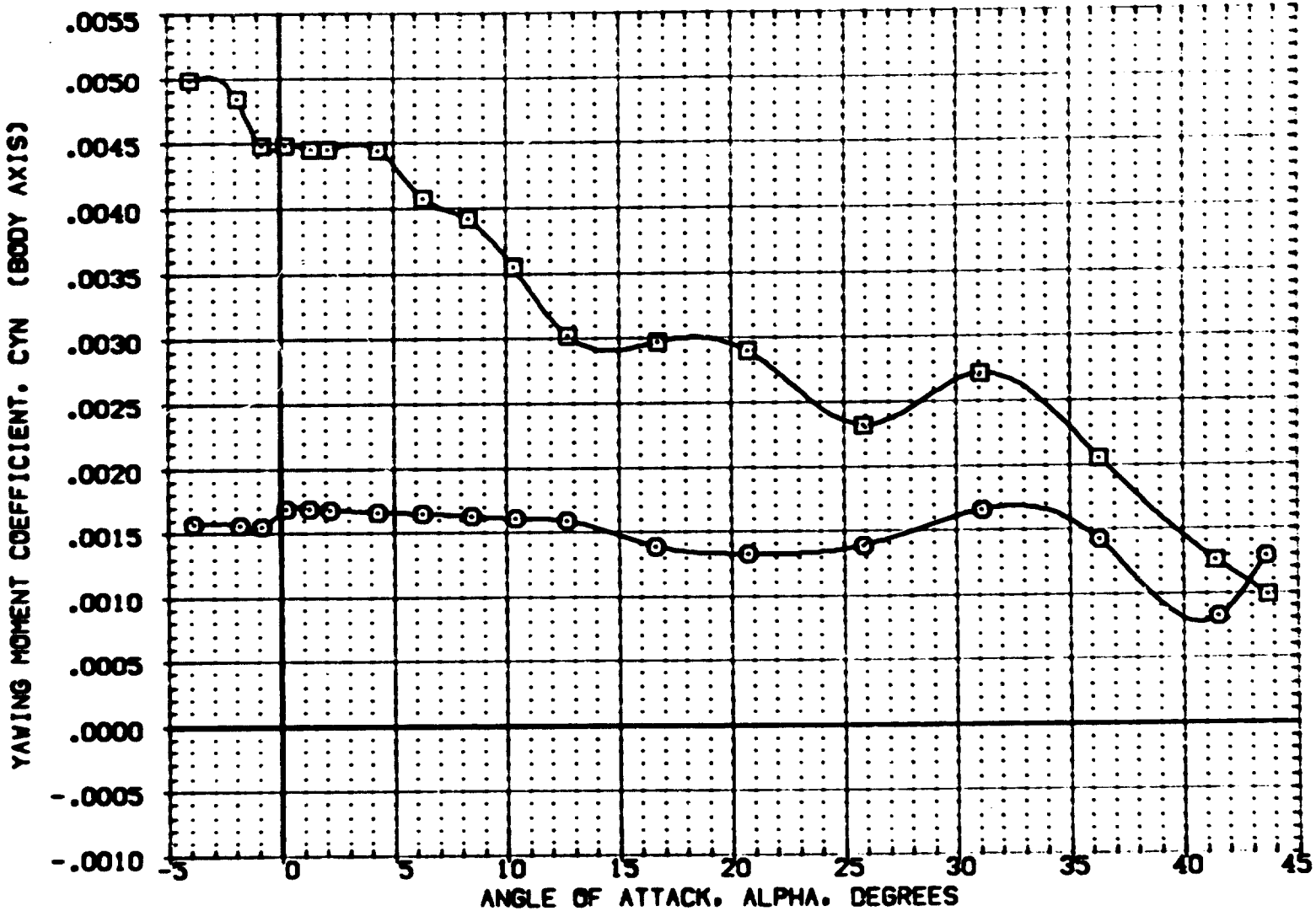
RUDDER DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPNA02)	0A44 UPVT 1035 CONF-2A B10C30?/HDF4W8?E1BR5W5X16	.000	54.920	-14.250	.000
(RPNA12)	0A44 UPVT 1035 CONF-2A B10C30?/HDF4W8?E1BR5W5X16	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



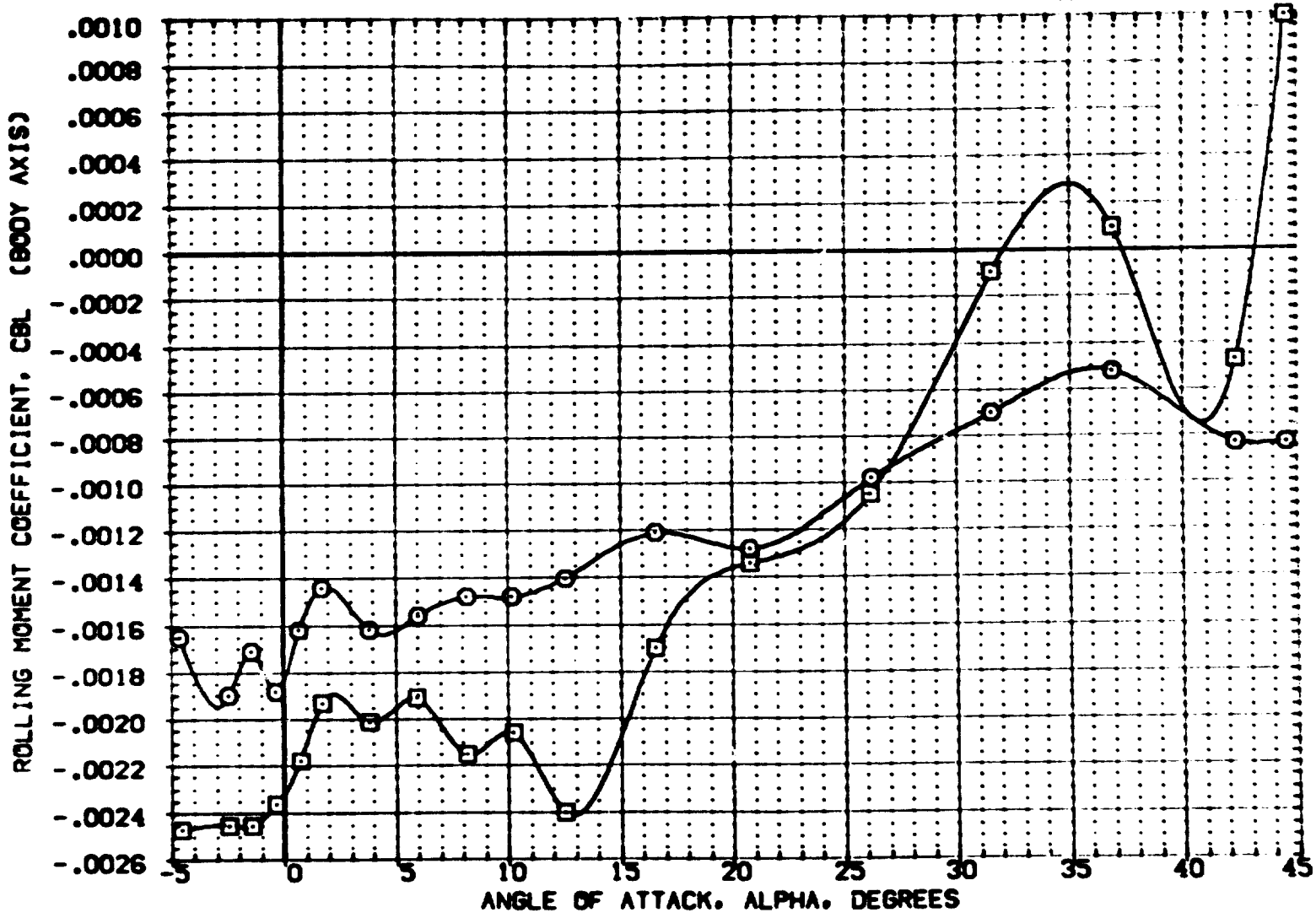
RUDDER DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOSRK	SDFLAP	RUDDER
(RPHA02)	8	0A44 UPVT 1088 CONF-2A B10C82D7HCF4WBTE1BRSV3X18	.000	54.820	-14.250	.000
(RPHA12)	□	0A44 UPVT 1088 CONF-2A B10C82D7HCF4WBTE1BRSV3X18	.000	54.820	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1230	INCHES
BREF	14.0880	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



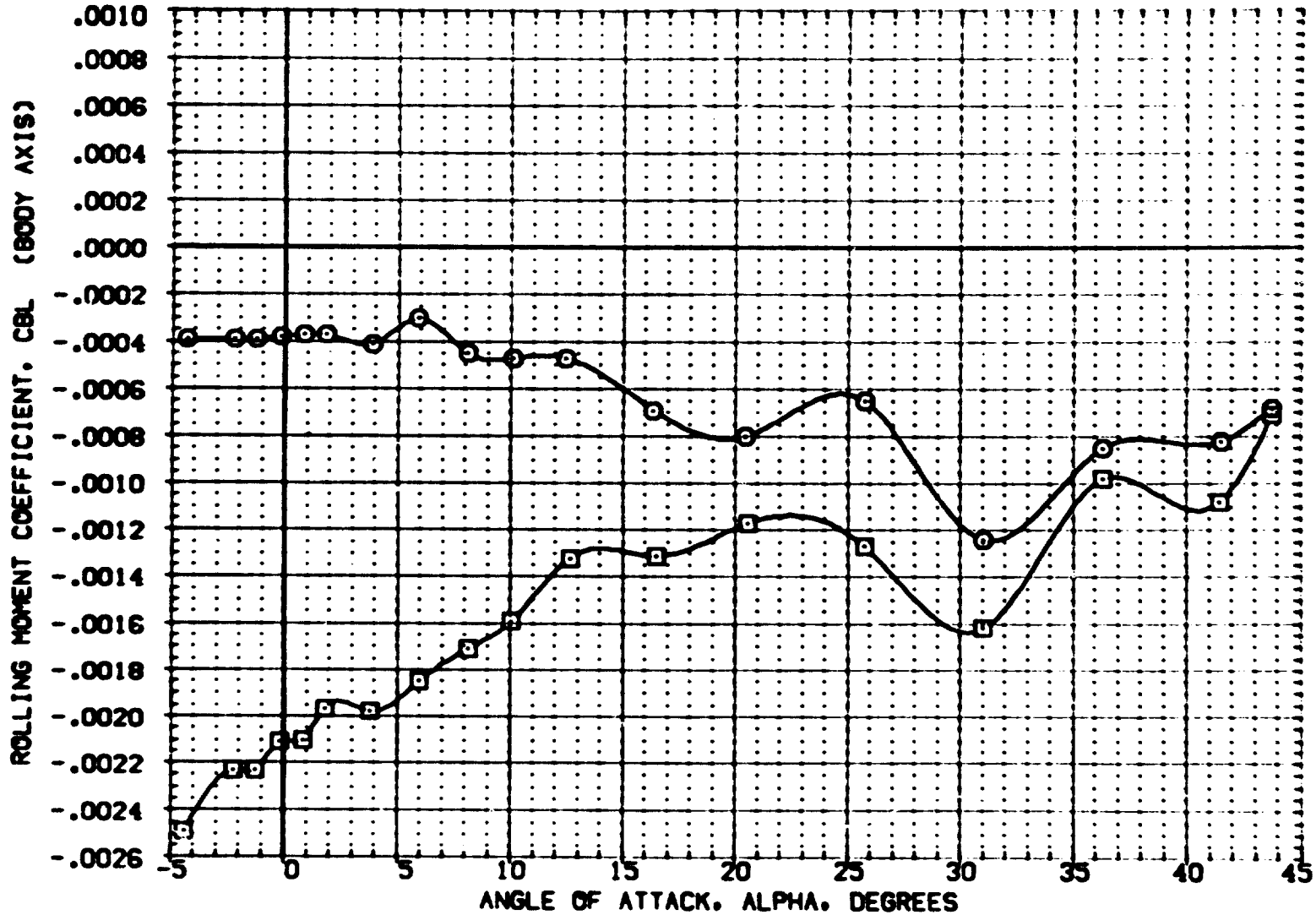
RUDDER DEFLECTED -898 CONFIG

(A)MACH = 2.50

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RFNA02)	0A44 UPVT 1005 CONF-2A B10C30 7HDF4W07E1 B05V3X18	.000	54.920	-14.250	.000
(RFNA12)	0A44 UPVT 1005 CONF-2A B10C30 7HDF4W07E1 B05V3X18	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0800	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	8.0000	INCHES
SCALE	.0150	SCALE



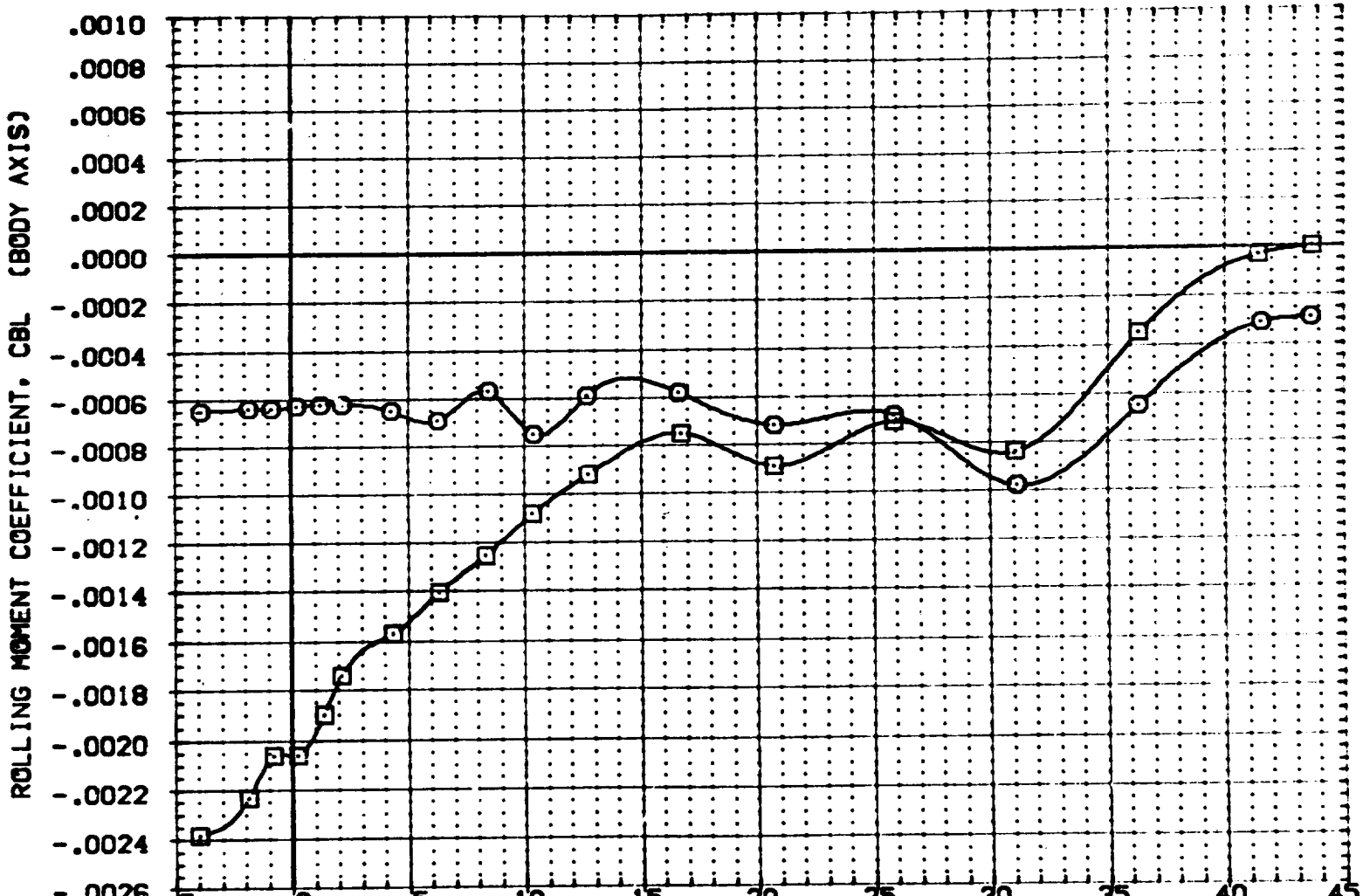
RUDDER DEFLECTED -89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPNA02)	0A44 UPVT 1035 CONF-2A B10C5D7H3F4V87E18R5V5X16	.000	54.920	-14.250	.000
(RPNA12)	0A44 UPVT 1035 CONF-2A B10C5D7H3F4V87E18R5V5X16	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION

SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

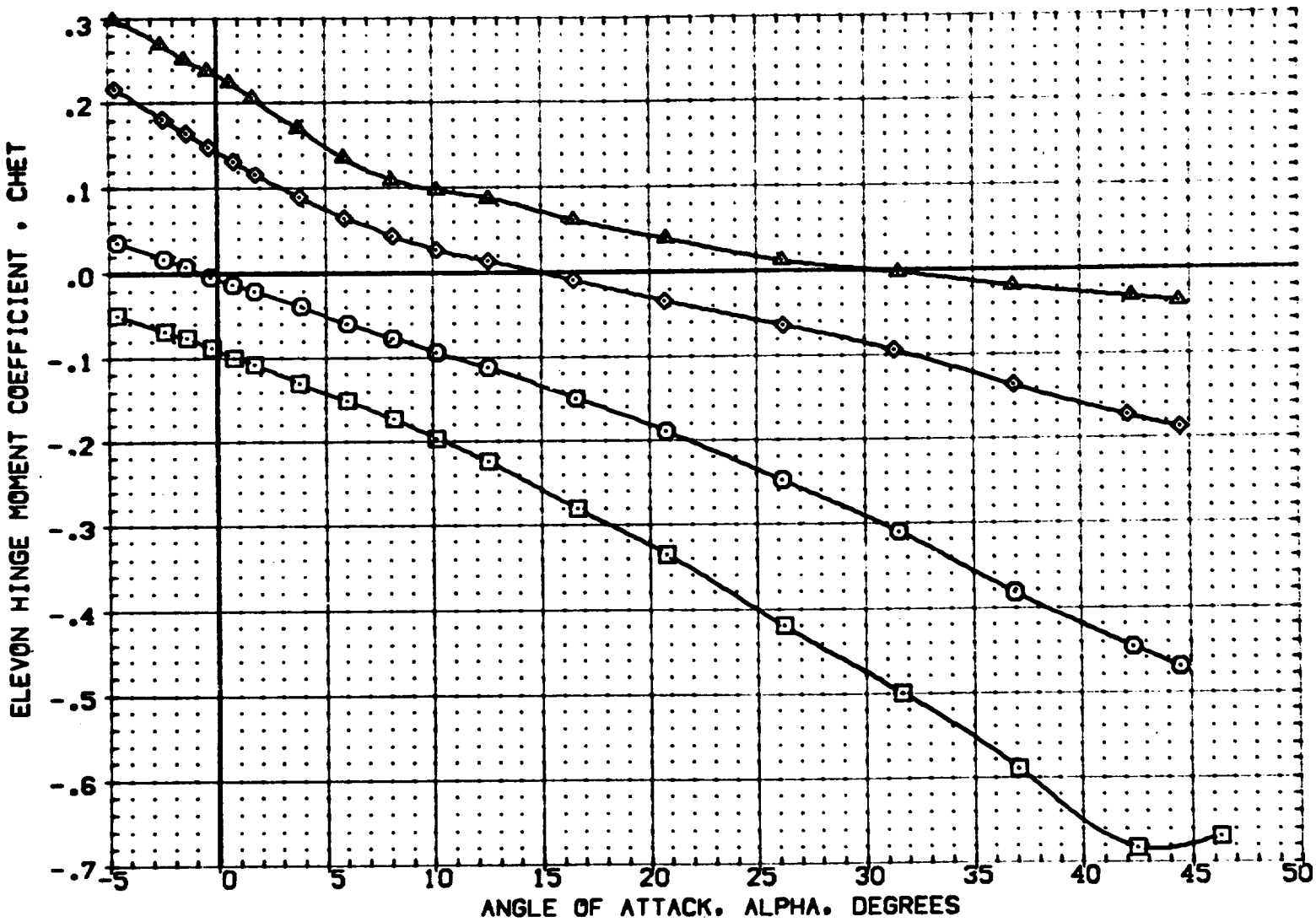


RUDDER DEFLECTED -89B CONFIG

(C)MACH = 4.60

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER
(RPN802) ○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	.000	-14.250	54.920	.000
(RPN805) □	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPN803) ⊠	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPN804) △	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

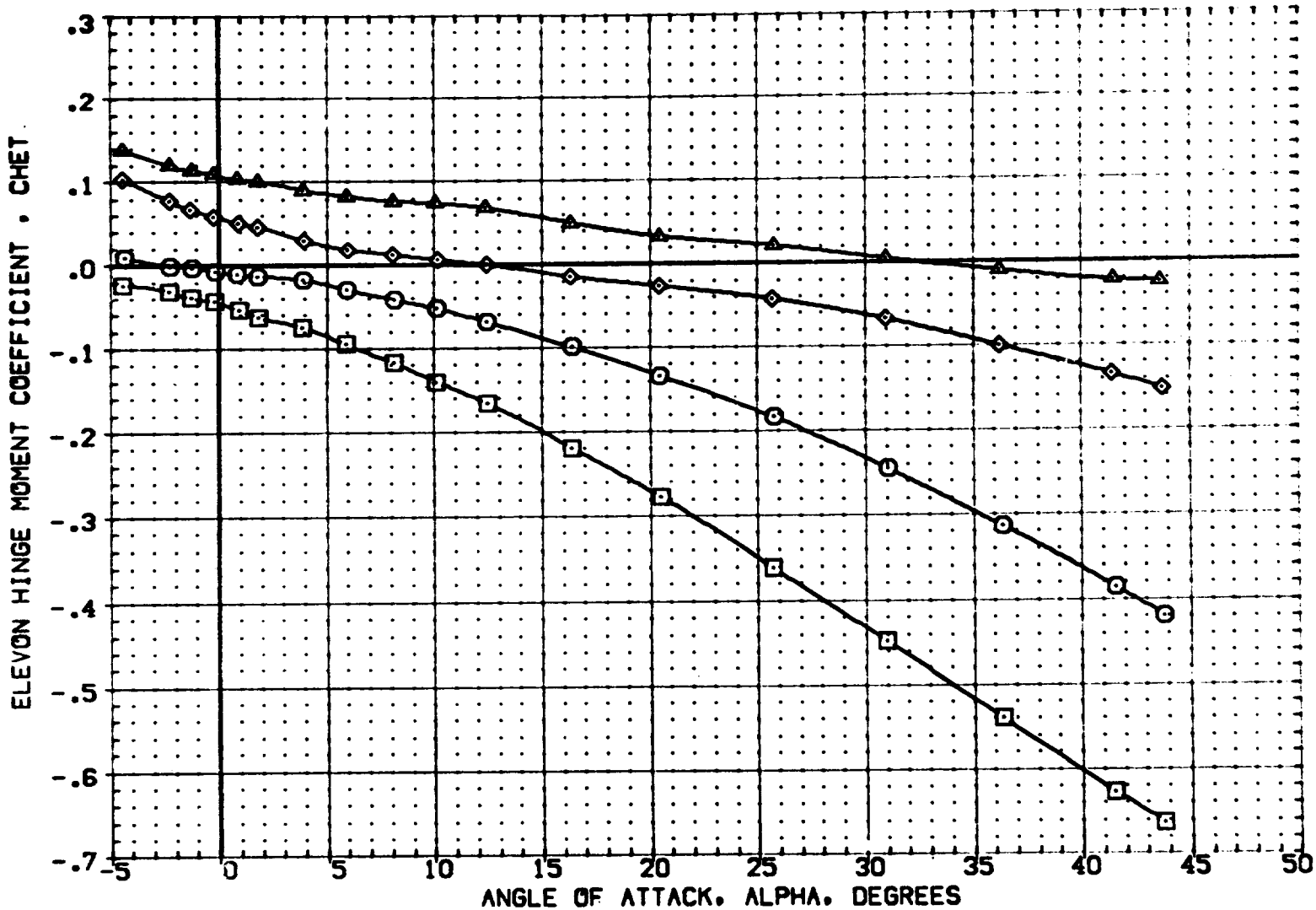


ELEVON HINGE MOMENTS -89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER
(RPN802)	○	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	.000	-14.250	54.920	.000
(RPN805)	□	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	10.000	13.750	54.920	.000
(RPN808)	◇	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPN804)	△	0A44 UPVT 1035 CONF-2A B10C507HGF4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1463	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

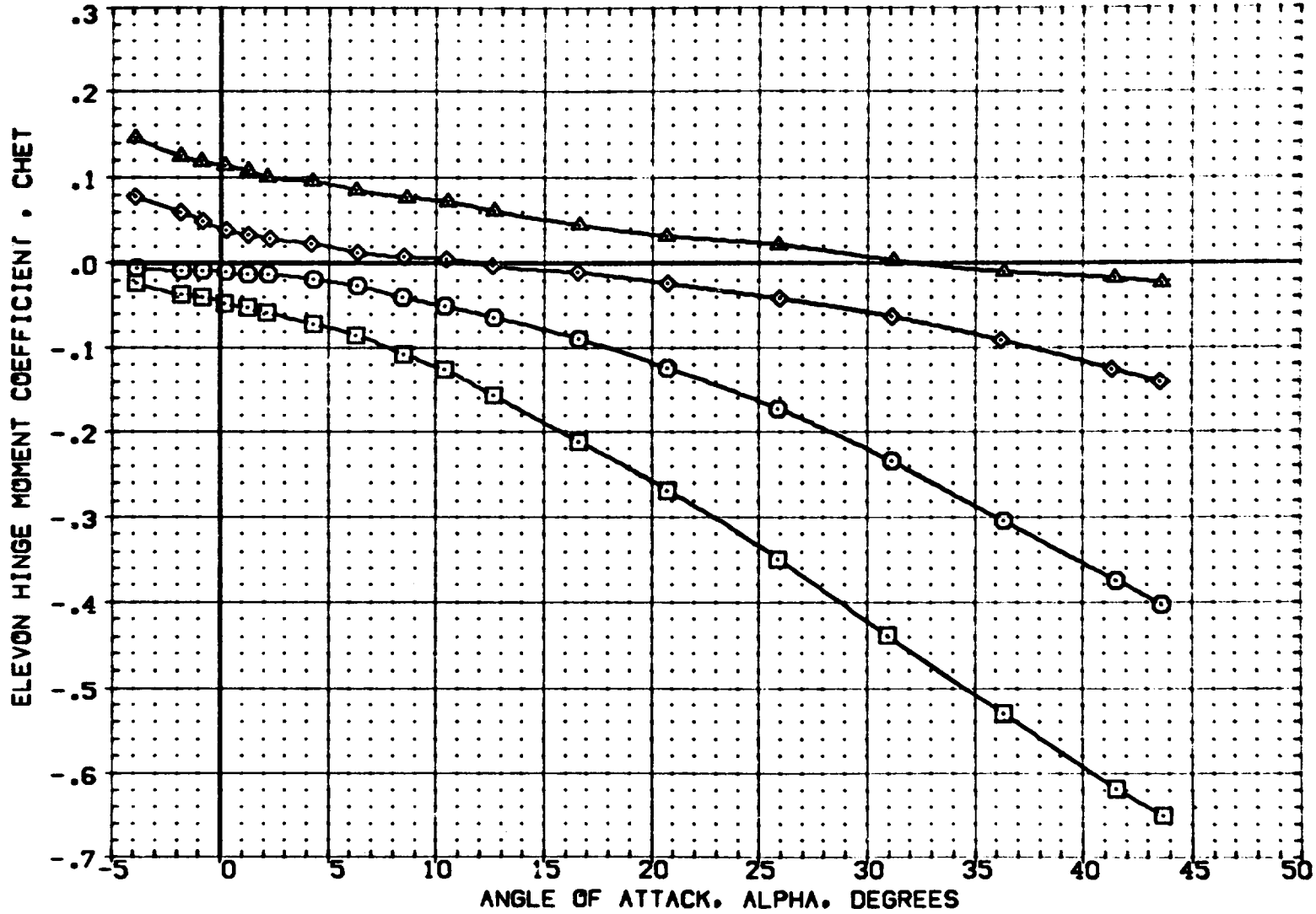


ELEVON HINGE MOMENTS -89B CONFIG

(B)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER
(RPN802)	□	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	.000	-14.250	54.920	.000
(RPN805)	⊡	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	10.000	-13.750	54.920	.000
(RPN808)	◇	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	-20.000	-14.250	54.920	.000
(RPN804)	△	0A44 UPVT 1035 CONF-2A B10C5D7M3F4V87E18R5V5X16	-40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

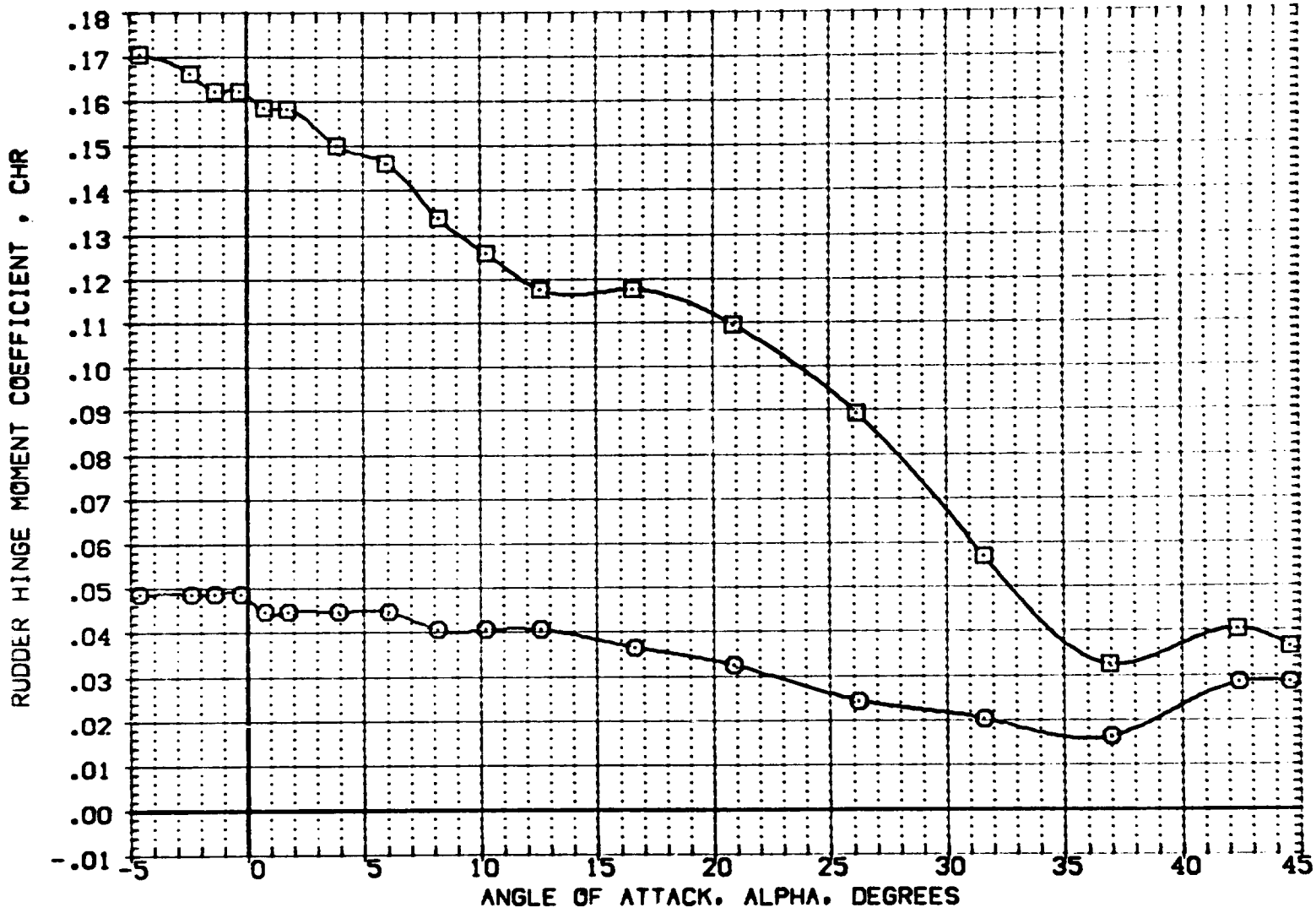


ELEVON HINGE MOMENTS -89B CONFIG

(C)MACH = 4.60

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BOFLAP	RUDDER
(RPN802)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1BR5V5X16	.000	54.920	-14.250	.000
(RPNB12)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E1SR5V5X16	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION		
SREF	87.1560	SQ. IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
XMRP	13.1460	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



RUDDER HINGE MOMENT WITH RUDDER DEFLECTION-89B CONFIG

(A)MACH = 2.50

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	SPOBRK	BDFLAP	RUDDER
(RPN802)	○	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X18	.000	54.920	-14.250	.000
(RPN812)	□	0A44 UPVT 1035 CONF-2A B10C507M3F4V87E18R5V5X18	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION		
SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

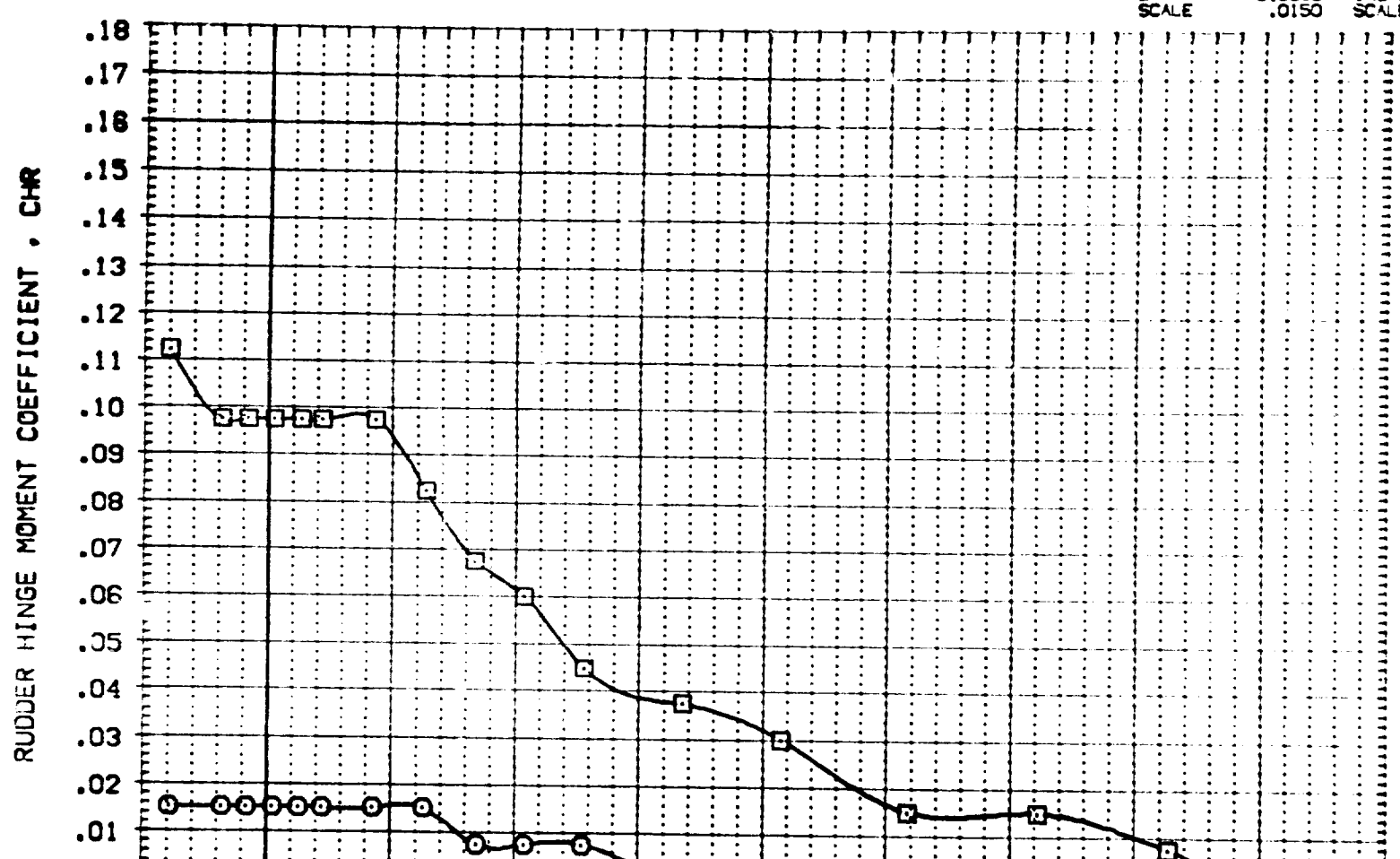


RUDDER HINGE MOMENT WITH RUDDER DEFLECTION-89B CONFIG

(B)MACH = 3.90

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA	SPDBRK	BOFLAP	RUDDER
(RPN302)	○	0A44 UPWT 1035 CONF-2A 910C507M3F4V87E18R5V5X16	.000	54.920	-14.250	.000
(RPN812)	□	0A44 UPWT 1035 CONF-2A 810C507M3F4V87E18R5V5X16	.000	54.920	-14.250	-10.000

REFERENCE INFORMATION		
SREF	87.1550	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1489	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



RUDDER HINGE MOMENT WITH RUDDER DEFLECTION-89B CONFIG

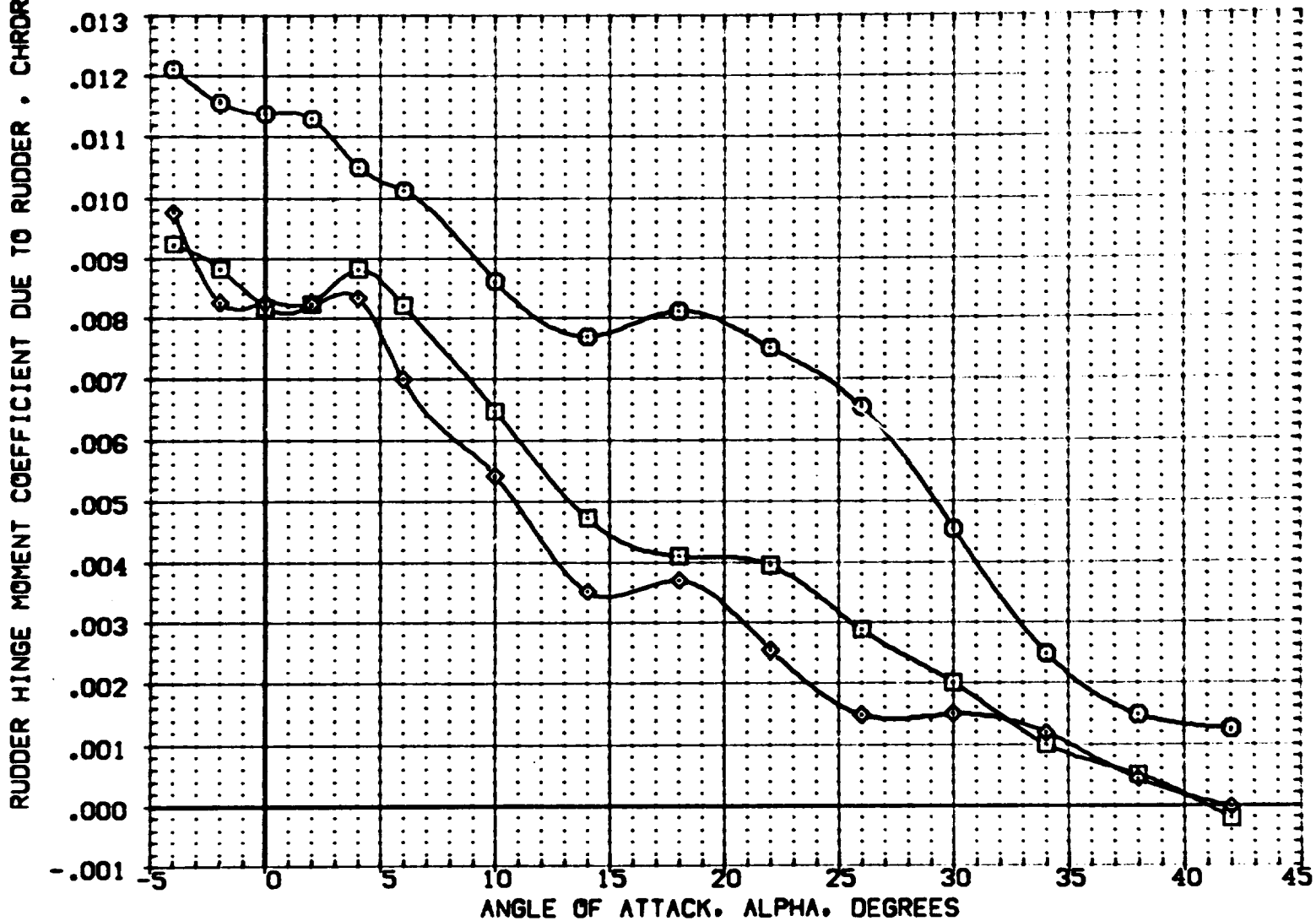
(C)MACH = 4.60

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (RPNY12)

SYMBOL	MACH		PARAMETRIC VALUES		
○	2.500	BETA	.000	ELEVTR	.000
□	3.900	AILRON	.000	BDFLAP	-14.220
◇	4.600	SPOBRK	54.920		

REFERENCE INFORMATION

SREF	87.1580	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1463	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



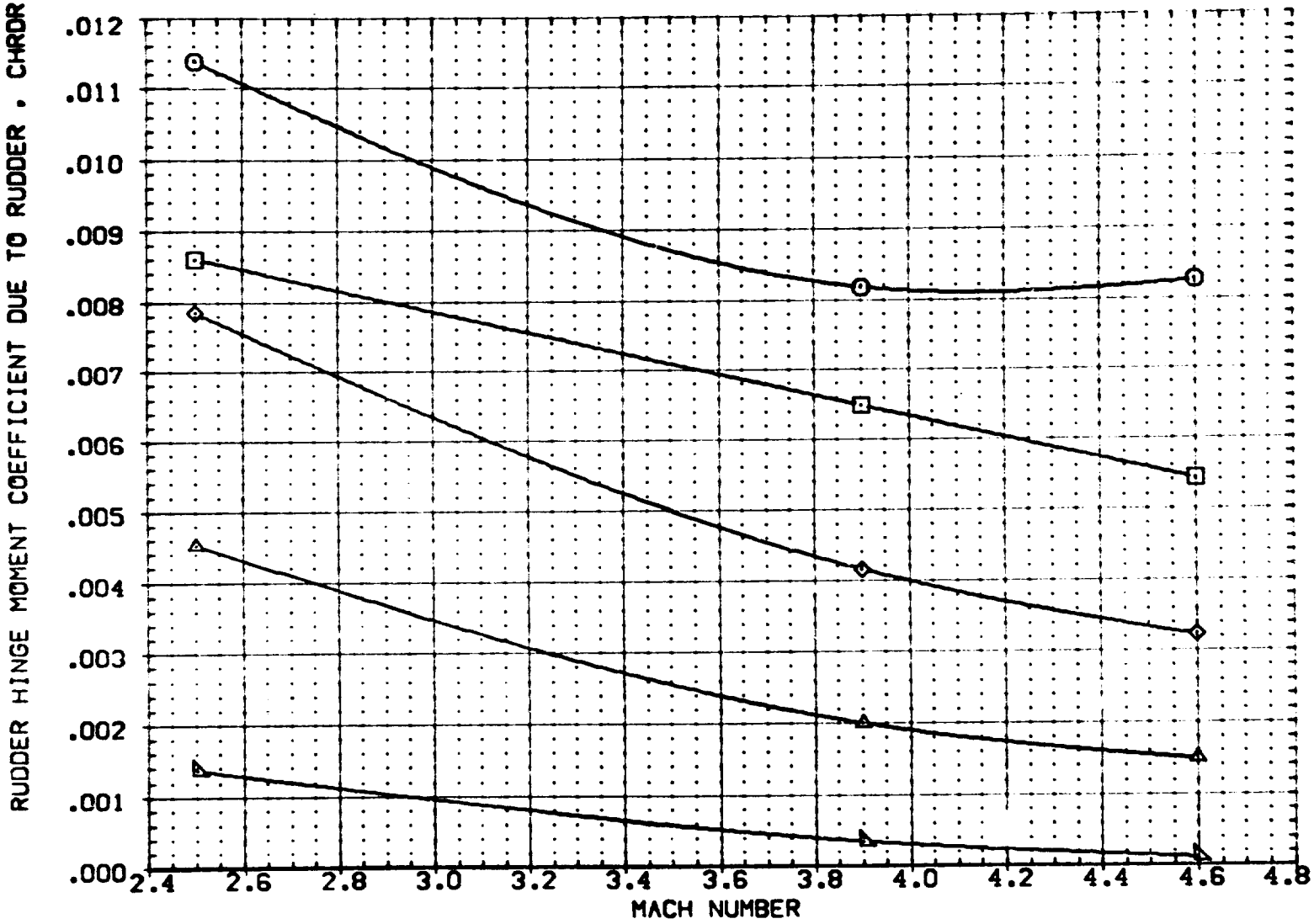
RUDDER HINGE MOMENT DERIVATIVES -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (YPN012)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	BETA	.000	ELEVTR	.000
□	10.000	AILRON	.000	BDFLAP	-14.250
◇	20.000	SPDBRK	54.920		
△	30.000				
▷	40.000				

REFERENCE INFORMATION

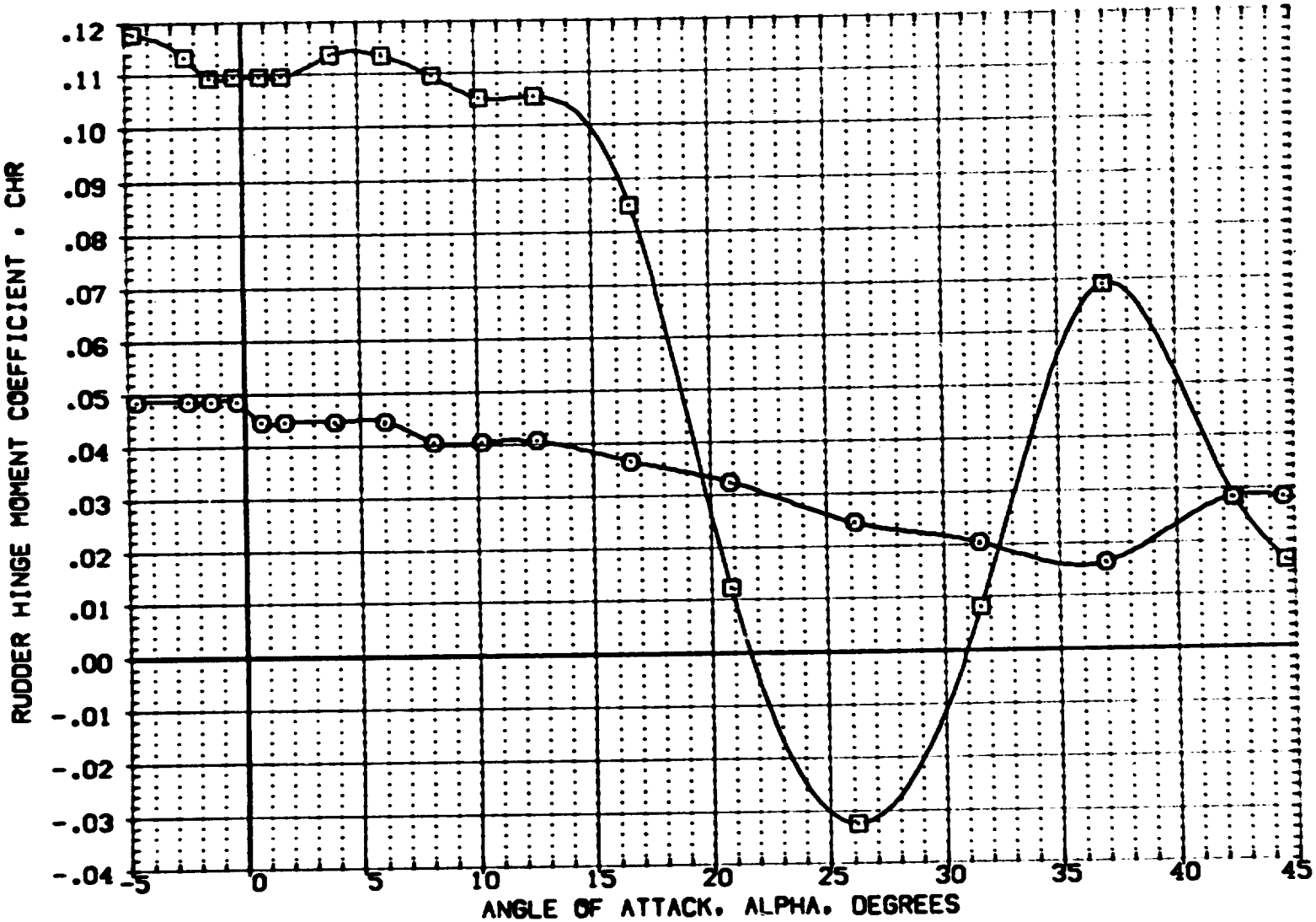
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



RUDDER HINGE MOMENT DERIVATIVES -89B CONFIG

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	RDFLAP	SPOBRK
[RPH802]	0A44 UPVT 1035 CONF-2A B10CSD7HDF4V87E1BRSV5X16	.000	.000	-14.250	54.920
[RPH803]	0A44 UPVT 1035 CONF-2A B10CSD7HDF4V87E1BRSV5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

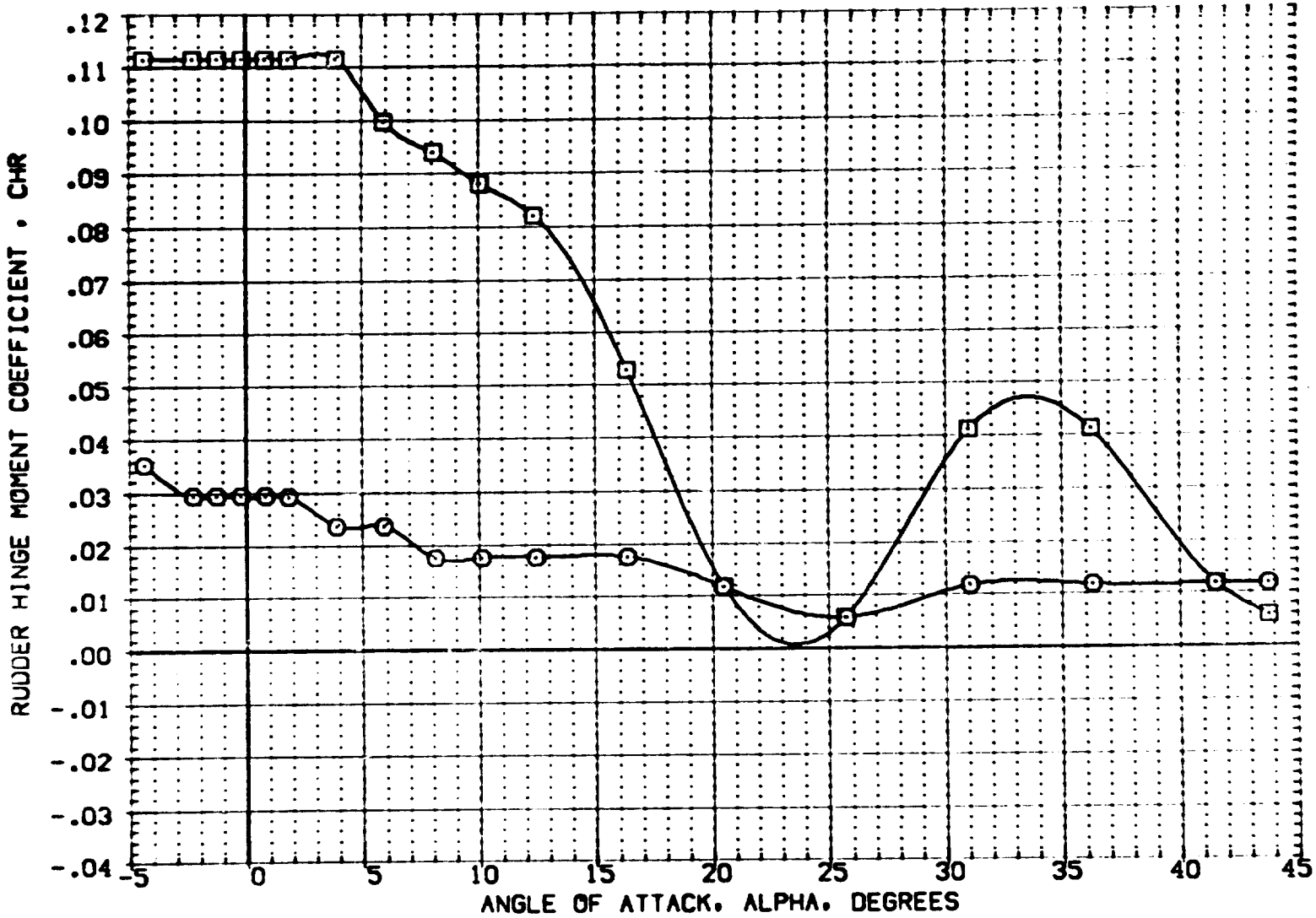


RUDDER HINGE MOMENT (PITCH SWEEP WITH CONSTANT BETA) -89B CONFIG

(A)MACH = 2.50

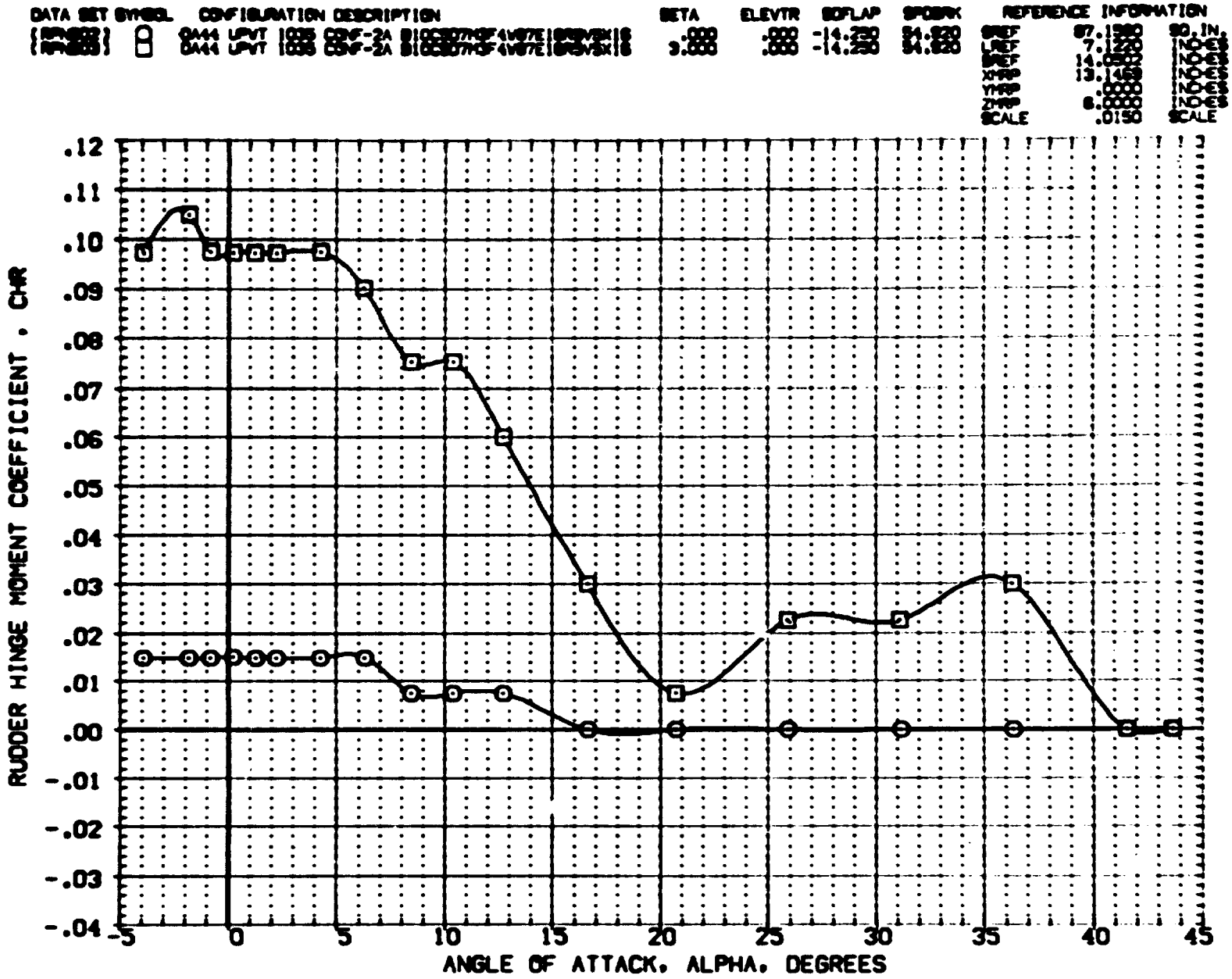
DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVTR	BOFLAP	SPDBRK
(RPN802)	○	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E1BR5V5X16	.000	.000	-14.250	54.920
(RPN803)	□	0A44 UPVT 1035 CONF-2A B10C507H3F4V87E1BR5V5X16	3.000	.000	-14.250	54.920

REFERENCE INFORMATION		
SREF	87.15X0	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



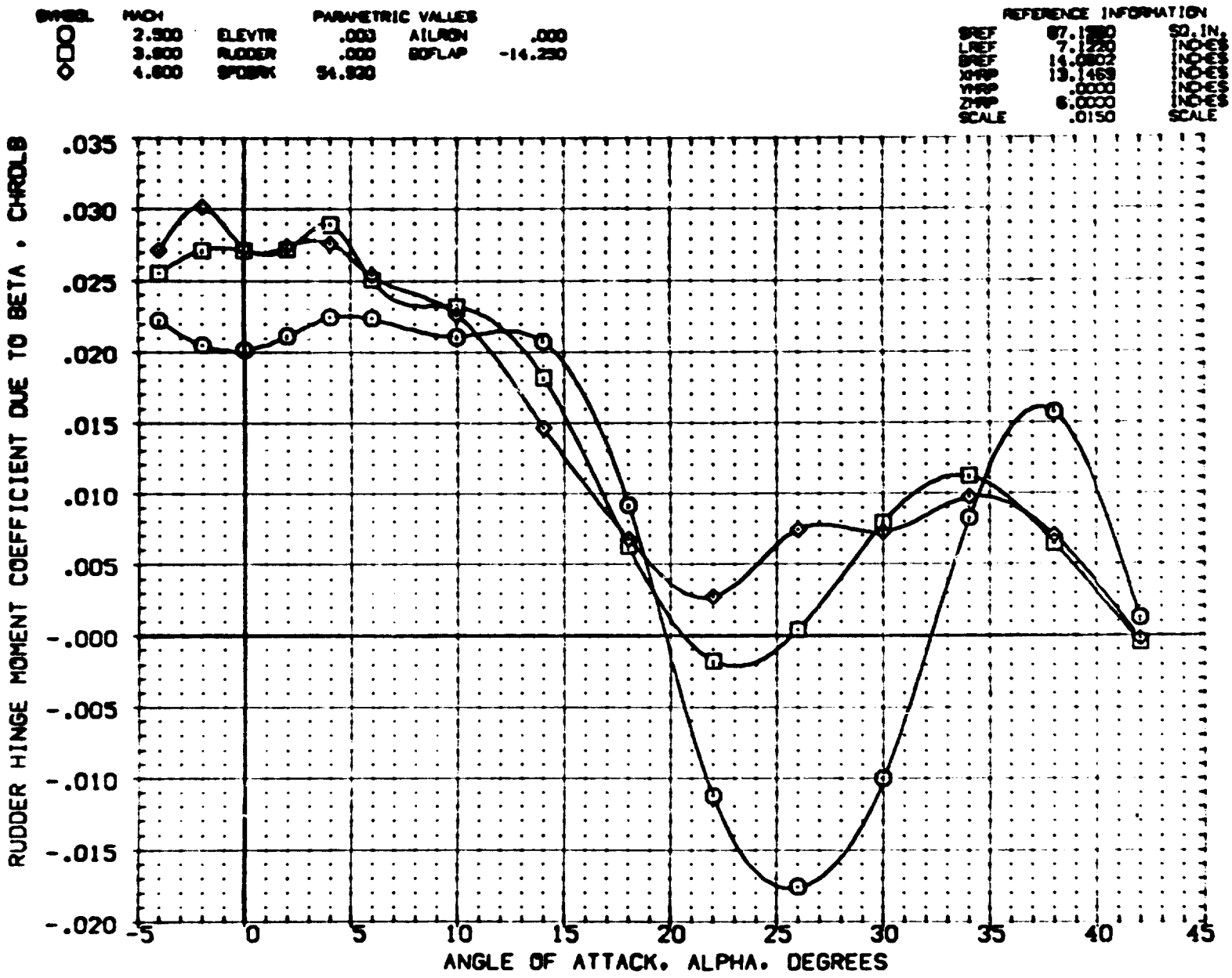
RUDDER HINGE MOMENT (PITCH SWEEP WITH CONSTANT BETA) -89B CONFIG

(B)MACH = 3.90



RUDDER HINGE MOMENT (PITCH SWEEP WITH CONSTANT BETA) -89B CONFIG

(C)MACH = 4.60



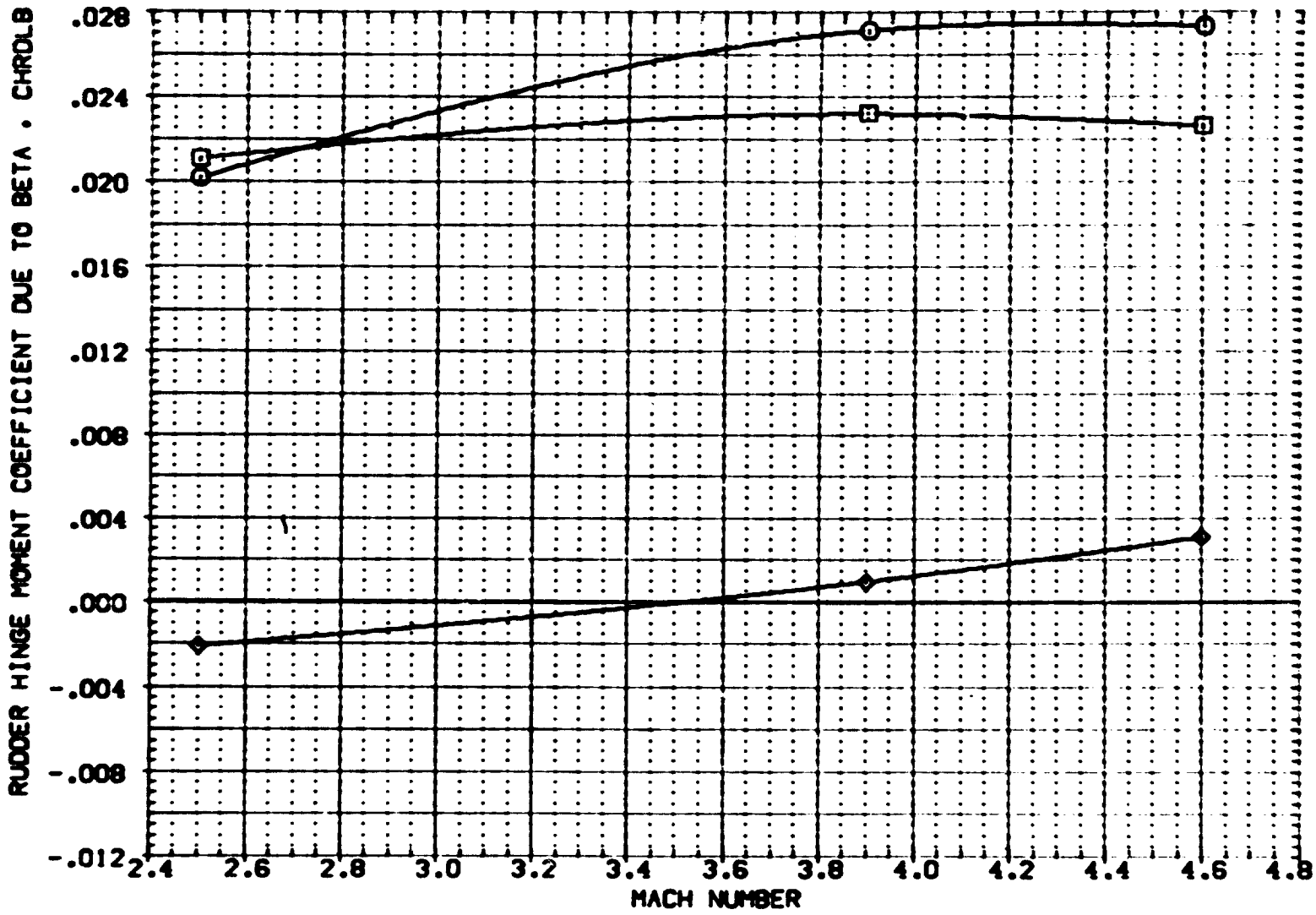
RUDDER HINGE MOMENT DERIVATIVE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C507M3F4W87E18R5V5X16 (BPN003)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	.000	ELEVTR	.000	AILRON	.000
□	10.000	RUDDER	.000	BDFLAP	-14.250
◇	20.000	SPDBRK	54.920		

REFERENCE INFORMATION

SREF	67.1500	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0582	INCHES
XMRP	13.1458	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



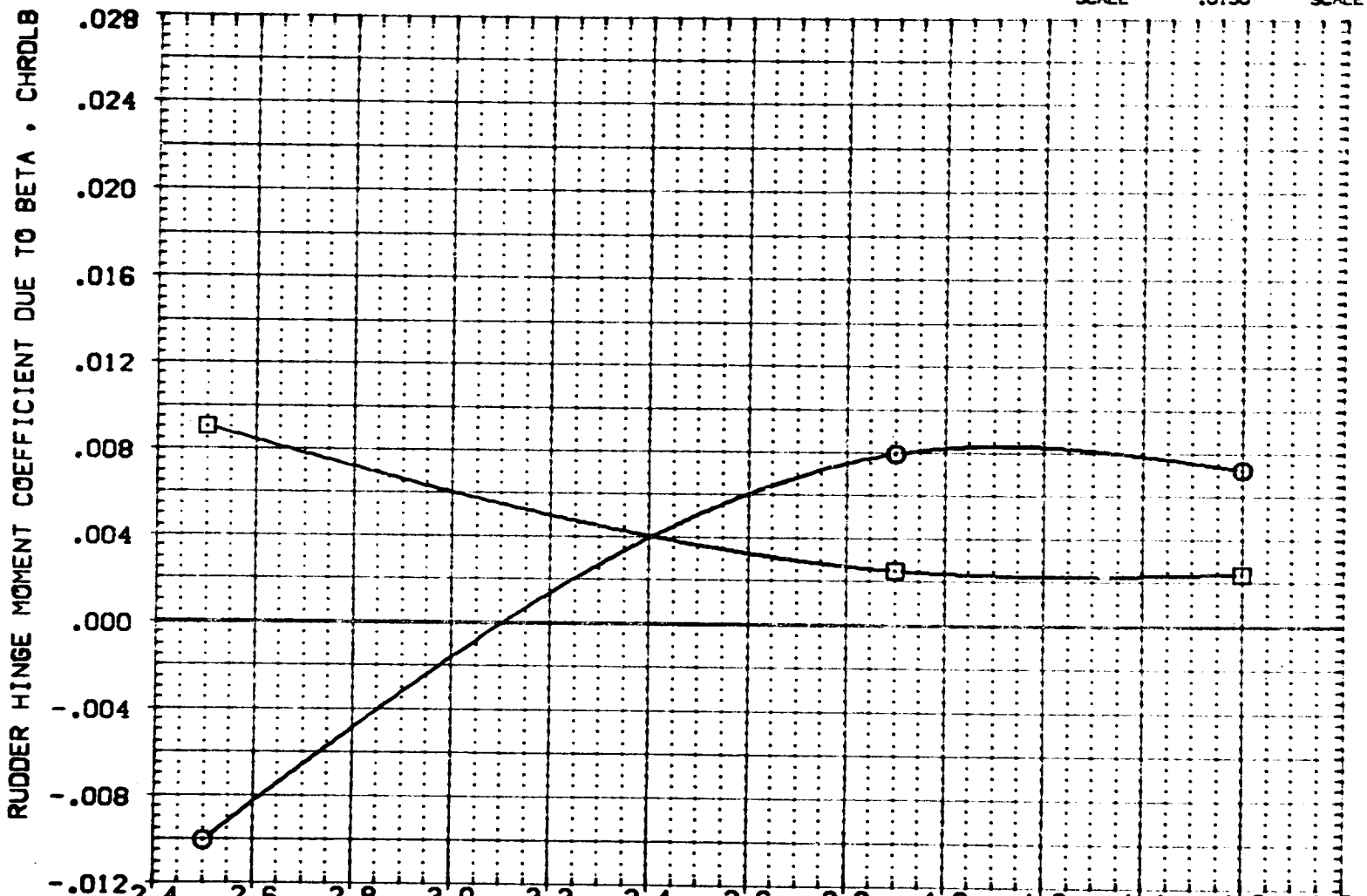
RUDDER HINGE MOMENT DERIVATIVE -89B CONFIG

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E18R5V5X16 (BPN003)

SYMBOL	ALPHA		PARAMETRIC VALUES		
○	30.000	ELEVTR	.000	AILRON	.000
□	40.000	RUDDER	.000	BOFLAP	-14.250
		SPDBRK	54.920		

REFERENCE INFORMATION

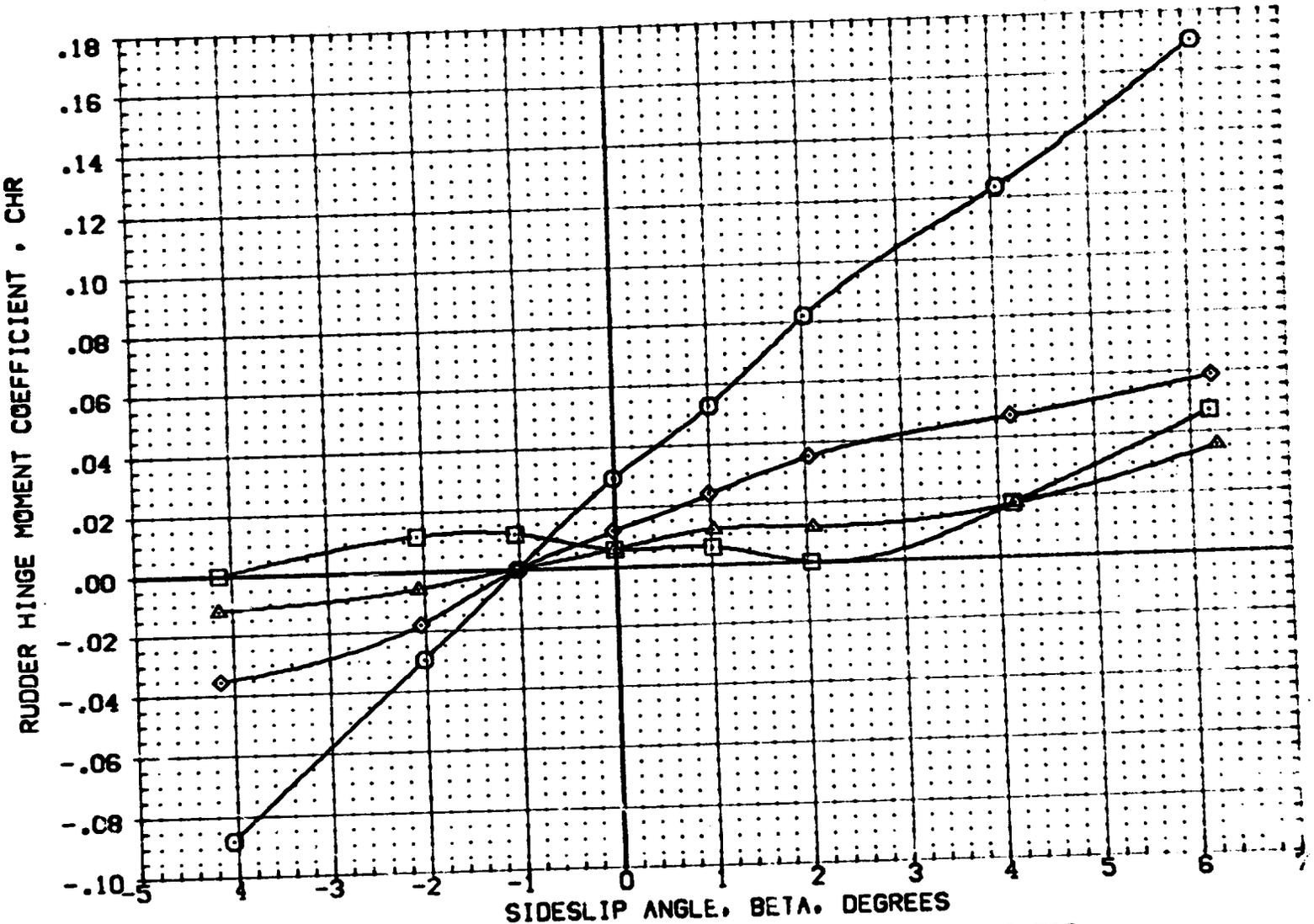
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



RUDDER HINGE MOMENT DERIVATIVE -89B CONFIG

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BDFLAP	SPDBRK	RUDDER
(RPNB14)	0A44 UPVT 1035 CONF-2A B10C507HGF4VB7E18R5V5X16	.000	-14.250	54.920	.000
(RPNB15)	0A44 UPVT 1035 CONF-2A B10C507HGF4VB7E18R5V5X16	20.000	-14.250	54.920	.000
(RPNB16)	0A44 UPVT 1035 CONF-2A B10C507HGF4VB7E18R5V5X16	30.000	-14.250	54.920	.000
(RPNB17)	0A44 UPVT 1035 CONF-2A B10C507HGF4VB7E18R5V5X16	40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE

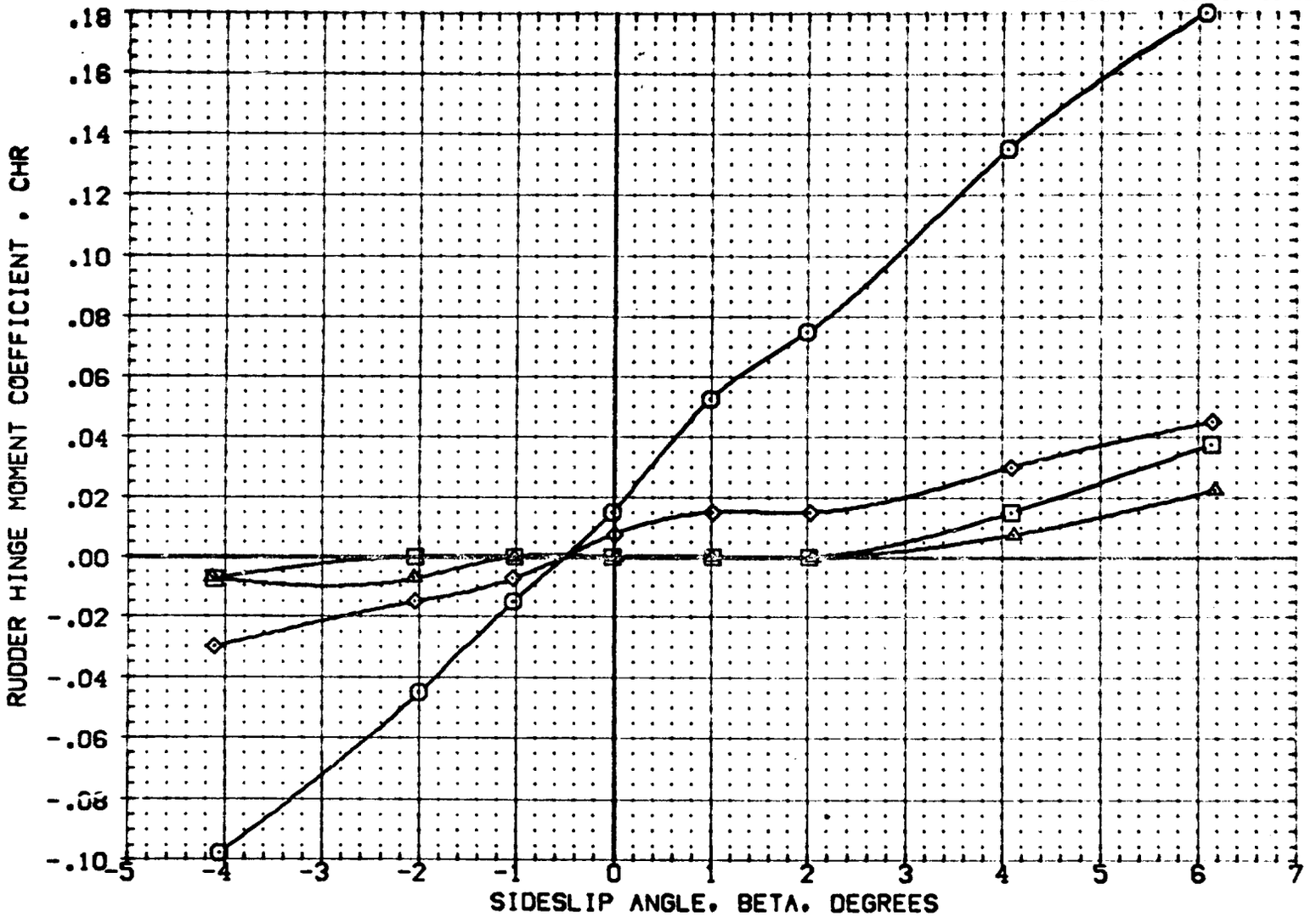


RUDDER HINGE MOMENT (BETA SWEEP WITH CONSTANT ALPHA) -89B CONFIG

(A)MACH = 3.90

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BDFLAP	SPOBRK	RUDDER
(RPN814)	□	0A44 UPWT 1035 CONF-2A B10[illegible]7MGF4W87E18R5V5X16	.000	-14.250	54.920	.000
(RPN815)	◇	0A44 UPWT 1035 CONF-2A B10[illegible]7MGF4W87E18R5V5X16	20.000	-14.250	54.920	.000
(RPN816)	⊠	0A44 UPWT 1035 CONF-2A B10C5U7MGF4W87E18R5V5X16	30.000	-14.250	54.920	.000
(RPN817)	△	0A44 UPWT 1035 CONF-2A B10C507MGF4W87E18R5V5X16	40.000	-14.250	54.920	.000

REFERENCE INFORMATION		
SREF	87.1560	SQ.IN.
LREF	7.1220	INCHES
BREF	14.0502	INCHES
XMRP	13.1469	INCHES
YMRP	.0000	INCHES
ZMRP	6.0000	INCHES
SCALE	.0150	SCALE



RUDDER HINGE MOMENT (BETA SWEEP WITH CONSTANT ALPHA) -89B CONFIG

(B)MACH = 4.60

TABULATED DATA SOURCE

Tabulations of plotted data are available on request from Data Management Services.

DATE 30 OCT 74 TABULATED SOURCE DATA - OA44 PAGE 1

OA44 UPWT 1035 CONF-2A B10C3D7N3F4,0TE10R5V5X16 (RPNA02) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	84.920

RUN NO. 4/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.900	-4.616	-.00291	544.17558	-.15379	.13336	-.00080	-.00185	.00016	-.00009	.02471	-.00016
2.900	-2.441	-.00592	543.99634	-.06268	.13253	-.00620	-.00190	.00033	-.00013	.02530	-.00027
2.900	-1.420	-.00181	544.40604	-.09007	.13182	-.00674	-.00171	.00020	-.00097	.02556	-.00007
2.900	-.320	-.00513	544.09877	-.01336	.13131	-.01207	-.00186	.00038	-.00097	.02568	-.00017
2.900	.695	-.00121	544.30361	.01906	.13021	-.01460	-.00162	.00018	-.00103	.02569	-.00017
2.900	1.717	-.00091	544.40604	.05162	.12912	-.01714	-.00144	.00018	-.00108	.02563	-.00017
2.900	3.853	-.00375	544.30361	.12011	.12695	-.02292	-.00162	.00043	-.00190	.02568	-.00007
2.900	6.006	-.00327	544.27801	.19277	.12559	-.02953	-.00156	.00032	-.00118	.02613	-.00007
2.900	8.147	-.00239	544.38043	.25936	.12340	-.03315	-.00148	.00038	-.00205	.02670	-.00007
2.900	10.157	-.00152	544.35482	.32181	.12185	-.03615	-.00148	.00044	-.00291	.02693	-.00007
2.900	12.558	-.00083	543.86831	.40022	.11981	-.04001	-.00140	.00033	-.00225	.02702	-.00027
2.900	16.997	-.00275	544.22679	.54437	.11552	-.04522	-.00121	.00047	-.00244	.02686	-.00027
2.900	20.619	-.00797	544.17558	.70666	.11230	-.04952	-.00126	.00078	-.00266	.02645	-.00027
2.900	26.200	-.00475	543.94513	.92576	.10527	-.05878	-.00098	.00085	-.00460	.02697	-.00037
2.900	31.586	.00885	543.68907	1.16030	.09870	-.07018	-.00070	.00000	-.00345	.02764	-.00027
2.900	36.937	.01511	543.94513	1.40427	.09298	-.08642	-.00052	-.00062	-.00073	.02855	-.00037
2.900	42.351	-.00643	544.40604	1.65490	.08804	-.10501	-.00083	.00075	-.00259	.02948	-.00056
2.900	44.545	-.01560	544.22679	1.75395	.08608	-.10976	-.00083	.00128	-.00275	.02963	-.00047
	GRADIENT	.00016	.02737	.03235	-.00077	-.00262	.00002	.00002	-.00021	.00011	.00001

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C507H3F4,07E10R9V5X10 (RPNA02) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 6/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.366	-.01097	375.93602	-.11692	.10618	-.02240	-.00039	.00083	.00001	.01192	-.00009
3.900	-2.253	-.01061	376.08433	-.07536	.10184	-.02080	-.00039	.00082	-.00006	.01192	-.00009
3.900	-1.245	-.01044	376.08027	-.05465	.10017	-.02068	-.00039	.00081	-.00009	.01192	-.00009
3.900	-.197	-.01026	375.90790	-.03102	.09839	-.02111	-.00038	.00081	-.00012	.01192	-.00009
3.900	.640	-.00988	376.08433	-.00742	.09720	-.02154	-.00037	.00091	-.00129	.01192	-.00009
3.900	1.808	-.01337	376.14848	.01028	.09665	-.02215	-.00037	.00119	-.00130	.01192	-.00009
3.900	3.887	-.01313	376.14848	.03984	.09459	-.02229	-.00041	.00106	-.00024	.01192	-.00009
3.900	5.912	-.01255	376.01215	.10637	.09308	-.02316	-.00030	.00116	-.00148	.01192	-.00009
3.900	8.107	-.01210	376.10036	.16445	.09151	-.02624	-.00045	.00114	-.00151	.01206	.00001
3.900	10.098	-.01164	375.98809	.22260	.09107	-.02949	-.00047	.00112	-.00159	.01220	.00020
3.900	12.438	-.01122	375.98809	.29438	.09095	-.03233	-.00047	.00097	-.00055	.01239	.00005
3.900	16.370	-.00989	375.81167	.42390	.09207	-.03643	-.00069	.00104	-.00186	.01239	.00005
3.900	20.459	-.00853	376.08027	.57334	.09225	-.03928	-.00080	.00097	-.00209	.01239	.00005
3.900	25.790	-.00655	376.02017	.77838	.09251	-.04023	-.00065	.00088	-.00246	.01239	.00005
3.900	31.034	-.01520	375.91592	1.00582	.09219	-.04722	-.00124	.00173	-.00365	.01258	-.00009
3.900	36.318	-.00967	375.98809	1.24220	.09171	-.05742	-.00085	.00112	-.00201	.01244	-.00023
3.900	41.515	-.00745	376.02017	1.48702	.08719	-.07422	-.00082	.00101	-.00236	.01244	-.00023
3.900	43.775	-.00657	376.08027	1.59066	.08319	-.08519	-.00068	.00097	-.00250	.01188	-.00038
	GRADIENT	-.00031	.02128	.02141	-.00138	-.00007	-.00000	.00004	-.00011	-.00000	.00000

0A44 UPWT 1038 CONF-BA B10C807N3P4,87E18R8V8X16 (RPHA02) (10 JUL 73)

REFERENCE DATA

SREF =	87.1200 SQ.IN.	XMRP =	13.1489 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	-14.250	SPDBRK =	84.920

RUN NO. 18/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.907	.00481	294.48931	-.09656	.10086	-.02731	-.00065	.00157	-.00136	.00839	.00007
4.600	-1.831	.00508	294.48931	-.03494	.09479	-.02637	-.00064	.00156	-.00142	.00863	-.00011
4.600	-.830	.00520	294.48931	-.03606	.09209	-.02639	-.00064	.00155	-.00144	.00821	-.00011
4.600	.225	.00555	294.08008	-.01715	.09031	-.02479	-.00063	.00169	-.00293	.00839	.00007
4.600	1.249	.00568	294.48931	.00178	.08881	-.02478	-.00062	.00169	-.00296	.00821	-.00011
4.600	2.188	.00581	294.48931	.02064	.08803	-.02487	-.00062	.00168	-.00299	.00821	-.00011
4.600	4.274	.00613	294.48931	.06501	.08501	-.02487	-.00065	.00166	-.00305	.00810	-.00011
4.600	6.307	.00647	294.48931	.11312	.08263	-.02525	-.00069	.00165	-.00312	.00863	-.00011
4.600	8.441	.00683	294.48931	.16494	.08142	-.02652	-.00057	.00163	-.00321	.00863	-.00011
4.600	10.414	.00714	294.48931	.22015	.08007	-.03190	-.00075	.00161	-.00324	.00863	-.00011
4.600	12.894	.00765	294.48931	.28563	.07968	-.03209	-.00059	.00159	-.00337	.00863	-.00011
4.600	16.633	.00841	294.48931	.41332	.08176	-.03903	-.00058	.00139	-.00213	.00863	-.00011
4.600	20.734	.00954	294.08008	.56032	.08395	-.03507	-.00072	.00133	-.00238	.00863	-.00011
4.600	25.869	.01124	294.48931	.75714	.08573	-.03707	-.00066	.00139	-.00417	.00887	-.00030
4.600	31.148	.00918	294.48931	.97397	.08583	-.04530	-.00098	.00166	-.00445	.00887	-.00030
4.600	36.332	.01068	294.48931	1.20275	.08710	-.05699	-.00065	.00142	-.00337	.00906	-.00011
4.600	41.542	.01578	294.48931	1.43670	.08154	-.07315	-.00031	.00082	-.00229	.00863	-.00011
4.600	43.638	.01284	294.48931	1.52445	.07675	-.08500	-.00029	.00129	-.00360	.00845	-.00030
	GRADIENT	.00017	-.00030	.01950	-.00190	.00036	.00000	.00002	-.00027	-.00005	-.00002

OA44 UPWT 1035 CONF-2A B10C5D7H3F4W87E10R5V9X10 (RPNA03) (10 JUL 73)

REFERENCE DATA

SREF =	67.1580 SQ.IN.	XMRP =	13.1468 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 5/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.615	3.06936	544.35482	-.15098	.13505	-.00342	-.00280	.00271	-.06211	.02550	-.00017
2.500	-2.490	3.06885	544.71331	-.07749	.13387	-.00922	-.00275	.00221	-.05742	.02567	-.00027
2.500	-1.383	3.07244	544.96938	-.04280	.13332	-.01129	-.00275	.00184	-.05586	.02607	-.00007
2.500	-.353	3.07597	544.20119	-.00824	.13262	-.01513	-.00259	.00149	-.05441	.02624	-.00017
2.500	.766	3.07576	544.32922	.02677	.13128	-.01715	-.00150	.00125	-.05219	.02625	-.00017
2.500	1.722	3.07597	544.43164	.05695	.12992	-.02019	-.00252	.00123	-.05209	.02619	-.00017
2.500	3.824	3.07984	544.35482	.12352	.12831	-.02475	-.00298	.00085	-.05053	.02626	-.00017
2.500	6.002	3.08012	544.66209	.19605	.12618	-.03044	-.00327	.00067	-.04896	.02644	-.00017
2.500	8.166	3.08060	544.61088	.26657	.12394	-.03486	-.00398	.00055	-.04816	.02672	-.00017
2.500	10.190	3.08452	544.68770	.33295	.12232	-.03866	-.00443	.00017	-.04660	.02720	-.00027
2.500	12.543	3.08902	544.48285	.40908	.12037	-.04122	-.00459	-.00005	-.04668	.02742	-.00027
2.500	16.630	3.11609	545.09739	.55259	.11658	-.04645	-.00523	-.00147	-.04675	.02708	-.00017
2.500	20.822	3.17464	544.45725	.71604	.11169	-.05172	-.00421	-.00534	-.04020	.02711	-.00037
2.500	26.156	3.23154	544.89255	.93198	.10508	-.05862	-.00450	-.00850	-.03896	.02749	-.00027
2.500	31.567	3.24578	544.43164	1.16623	.09962	-.07027	-.00522	-.00905	-.04079	.02809	-.00017
2.500	36.951	3.15411	544.40604	1.41109	.09363	-.08596	-.00989	-.00403	-.04168	.02898	-.00066
2.500	42.418	3.18200	544.58528	1.65591	.08767	-.10043	-.00612	-.00618	-.03569	.02892	-.00066
2.500	44.396	3.19730	544.91815	1.75007	.08409	-.10428	-.00399	-.00745	-.03157	.02864	-.00066
	GRADIENT	.00134	-.02584	.03247	-.00083	-.00256	.00002	-.00023	.00138	.00009	.00000

OA44 UPWT 1033 CONF-2A 810C507M3F4A07E10R5V5X10 (RPNA03) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 7/ 0 RN/L = 2.50 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
3.900	-4.381	3.02966	376.16452	-.11666	.10769	-.02396	-.00121	.00272	-.05229	.01192	-.00009
3.900	-2.265	3.02237	375.99611	-.07226	.10349	-.02297	-.00160	.00304	-.05004	.01192	-.00009
3.900	-1.198	3.02219	375.98809	-.05142	.10165	-.02157	-.00187	.00280	-.04778	.01192	-.00009
3.900	-.182	3.02218	375.93998	-.03075	.09997	-.02145	-.00225	.00267	-.04663	.01192	-.00009
3.900	.848	3.01852	375.98007	-.00712	.09853	-.02189	-.00252	.00283	-.04548	.01211	-.00023
3.900	1.822	3.01867	376.03225	.01637	.09725	-.02362	-.00276	.00282	-.04547	.01225	-.00009
3.900	3.009	3.01865	376.13244	.03997	.09433	-.02389	-.00318	.00257	-.04319	.01225	-.00009
3.900	5.932	3.02248	376.17254	.11217	.09325	-.02718	-.00359	.00216	-.04207	.01211	-.00023
3.900	8.072	3.02273	376.09235	.16750	.09183	-.02845	-.00387	.00202	-.04098	.01225	-.00009
3.900	10.052	3.03024	376.12442	.22264	.09088	-.03113	-.00427	.00132	-.03988	.01239	.00005
3.900	12.390	3.03432	376.13650	.29437	.09208	-.03274	-.00464	.00089	-.03861	.01252	-.00023
3.900	16.333	3.04977	376.08433	.42665	.09182	-.03739	-.00524	-.00040	-.03781	.01252	-.00023
3.900	20.469	3.07256	376.03225	.57367	.09290	-.03848	-.00522	-.00237	-.03582	.01244	-.00023
3.900	25.717	3.09955	376.09235	.77876	.09224	-.04201	-.00457	-.00465	-.03400	.01258	-.00009
3.900	31.012	3.07664	375.99611	1.00575	.09259	-.04644	-.00690	-.00247	-.03736	.01277	-.00023
3.900	36.233	3.09620	376.01215	1.23652	.09167	-.05680	-.00677	-.00444	-.03319	.01244	-.00023
3.900	41.564	3.10866	375.91592	1.48793	.08679	-.07099	-.00652	-.00585	-.02906	.01230	-.00038
3.900	43.782	3.11651	376.03225	1.59167	.08289	-.07941	-.00603	-.00668	-.02700	.01188	-.00038
	GRADIENT	-.00128	-.00089	.02151	-.00160	-.00003	-.00025	-.00002	.00111	.00005	-.00000

OA44 UPWT 1035 CONF-BA B10C30TN3F4,8TE10R3V9X16 (RPNA03) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1400 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 13/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.913	3.01282	294.48931	-.09512	.10221	-.02779	-.00093	.00317	-.04935	.00863	-.00011
4.600	-1.833	3.01271	294.48931	-.05725	.09729	-.02619	-.00143	.00286	-.04645	.00863	-.00011
4.600	-.839	3.01293	294.06008	-.03844	.09453	-.02623	-.00159	.00285	-.04652	.00863	-.00011
4.600	.218	3.01280	294.48931	-.01572	.09249	-.02531	-.00208	.00269	-.04498	.00845	-.00030
4.600	1.230	3.00910	294.48931	.00314	.09035	-.02534	-.00241	.00289	-.04351	.00863	-.00011
4.600	2.222	3.00923	294.48931	.02572	.08869	-.02610	-.00257	.00288	-.04352	.00863	-.00011
4.600	4.265	3.00932	294.06008	.06633	.08598	-.02686	-.00294	.00273	-.04214	.00863	-.00011
4.600	6.289	3.01308	294.06008	.11077	.08375	-.02675	-.00330	.00220	-.04072	.00863	-.00011
4.600	8.499	3.02036	294.06008	.16660	.08187	-.02713	-.00335	.00117	-.03791	.00863	-.00011
4.600	10.396	3.02433	294.06008	.21830	.08157	-.03021	-.00354	.00079	-.03796	.00863	-.00011
4.600	12.714	3.02825	294.06008	.28745	.08115	-.03277	-.00370	.00026	-.03659	.00887	-.00030
4.600	16.604	3.03989	294.48931	.41463	.08313	-.03569	-.00431	-.00102	-.03524	.00887	-.00030
4.600	20.715	3.05171	294.06008	.56169	.08443	-.03573	-.00461	-.00231	-.03408	.00887	-.00030
4.600	25.884	3.06408	294.48931	.75841	.08610	-.03938	-.00473	-.00346	-.03435	.00906	-.00011
4.600	31.126	3.05835	294.48931	.97716	.08674	-.04599	-.00598	-.00285	-.03447	.00906	-.00011
4.600	36.308	3.06686	294.48931	1.20022	.08638	-.05694	-.00597	-.00396	-.03189	.00887	-.00030
4.600	41.566	3.07904	294.48931	1.43789	.08103	-.07385	-.00548	-.00542	-.02937	.00887	-.00030
4.600	43.630	3.07904	294.48931	1.52175	.07586	-.09314	-.00518	-.00573	-.02652	.00845	-.00030
	GRADIENT	-.00057	-.02579	.01989	-.00201	.00011	-.00026	-.00004	.00088	-.00000	-.00000

OA44 UPWT 1035 CONF-2A B10C507N3F4,8TE10R3V5X16 (RPNA04) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-40.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 18/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.711	-.00018	543.27938	-.26274	.16498	.05572	-.00083	.00128	-.00213	.02415	-.00017
2.900	-2.561	.03314	543.35620	-.19153	.16223	.05211	-.00180	-.00050	-.00212	.02354	-.00027
2.900	-1.525	.03317	543.71468	-.15683	.15936	.04833	-.00180	-.00039	-.00133	.02349	-.00018
2.900	-.406	.03347	543.53544	-.11814	.15667	.04560	-.00171	-.00060	-.00138	.02377	-.00017
2.900	.992	.03407	543.91952	-.08369	.15436	.04220	-.00161	-.00045	-.00298	.02412	-.00017
2.900	1.653	.03784	543.66547	-.04710	.15114	.03771	-.00177	-.00066	-.00298	.02417	-.00017
2.900	3.747	.03498	543.81710	.02158	.14471	.03007	-.00107	-.00039	-.00366	.02422	-.00017
2.900	5.831	.02822	543.86831	.09015	.13970	.02238	-.00081	-.00002	-.00391	.02908	-.00017
2.900	8.077	.02514	543.83786	.16493	.13596	.01614	-.00062	.00023	-.00477	.02570	-.00017
2.900	10.129	.02583	543.76589	.23572	.13361	.01322	-.00054	.00005	-.00329	.02578	-.00027
2.900	12.323	.02707	543.99634	.31368	.13049	.01053	-.00052	.00018	-.00498	.02627	-.00007
2.900	16.464	.01794	544.04755	.45010	.12333	.00732	-.00024	.00079	-.00594	.02684	-.00017
2.900	20.819	.02354	544.17558	.61255	.11978	.00761	-.00031	.00044	-.00542	.02647	-.00017
2.900	26.147	.02676	544.12437	.81777	.11150	.01099	-.00044	.00050	-.00734	.02682	-.00027
2.900	31.536	.04020	543.97074	1.03654	.10315	.00729	.00009	-.00042	-.00533	.02917	.00003
2.900	36.670	.04209	544.25240	1.26069	.09480	.00418	-.00017	-.00081	-.00302	.02915	-.00017
2.900	42.354	.01078	543.91952	1.49986	.08778	.00191	-.00126	.00126	-.00800	.02868	-.00027
2.900	44.531	.02305	544.32922	1.58785	.08613	.00543	-.00056	.00048	-.00465	.02923	-.00027
	GRADIENT	.00342	.06681	.03374	-.00244	-.00310	-.00003	-.00018	-.00023	.00005	.00000

OA44 UPWT 1038 CONF-2A B10C50TN3F4W07E10R5V9X10 (RPNA04) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1480 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-40.000
ATURN =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 18/ 0 RN/L = 2.50 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.410	.01582	375.98007	-.17946	.12877	.01337	-.00017	.00003	.00199	.01164	-.00009
3.900	-2.283	.01614	375.95602	-.12921	.12097	.01213	-.00004	.00002	.00194	.01193	.00005
3.900	-1.266	.01627	375.93196	-.10562	.11725	.01051	.00009	.00002	.00191	.01153	.00005
3.900	-.218	.01644	375.98007	-.08196	.11468	.01012	.00009	.00001	.00188	.01153	.00005
3.900	.857	.01658	376.04423	-.05842	.11234	.00845	-.00003	.00000	.00187	.01145	.00005
3.900	1.793	.01695	375.93998	-.03484	.11056	.00803	-.00001	.00011	.00171	.01172	-.00009
3.900	3.851	.01729	376.03621	.01160	.10701	.00563	-.00001	.00010	.00168	.01187	.00006
3.900	5.919	.01402	375.91592	.06098	.10444	.00265	.00012	.00036	.00160	.01205	-.00009
3.900	8.069	.01450	376.02017	.11633	.10280	.00233	.00000	.00034	.00153	.01206	-.00009
3.900	10.060	.01494	376.07631	.17153	.10216	-.00059	.00013	.00032	.00144	.01247	-.00009
3.900	12.385	.01918	376.06829	.24037	.10078	-.00253	.00015	.00002	.00133	.01247	-.00009
3.900	16.329	.01870	376.02819	.36711	.09895	-.00163	-.00009	.00025	.00015	.01269	.00006
3.900	20.464	.02192	376.05225	.50836	.09687	.00276	-.00006	.00002	-.00127	.01269	.00006
3.900	25.730	.02394	376.02017	.69933	.09667	.01035	-.00003	-.00007	-.00167	.01269	.00006
3.900	30.956	.01529	375.80365	.90733	.09488	.01336	-.00063	.00077	-.00299	.01269	.00006
3.900	36.211	.02454	376.06027	1.12645	.09324	.01730	-.00012	-.00017	-.00075	.01269	.00006
3.900	41.487	.02311	376.01215	1.35769	.08763	.01789	-.00011	-.00017	.00045	.01180	-.00009
3.900	43.645	.03140	375.93196	1.44756	.08299	.01254	.00004	-.00067	-.00065	.01131	-.00009
	GRADIENT	.00018	.00709	.02309	-.00261	-.00095	.00001	.00001	-.00018	.00003	.00001

OA44 UPWT 1035 CONF-2A B10C30TN3F4,8TE10R5V5X16 (RPNA04) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1489 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-40.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.290	SPOBRK =	94.920

RUN NO. 20/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
4.000	-3.978	.01218	294.24546	-.16192	.12477	.00015	.00012	.00055	.00119	.00024	.00007
4.000	-1.000	.01241	294.24546	-.11664	.11627	.00785	.00013	.00054	.00118	.00034	.00007
4.000	-.928	.01290	294.24546	-.09037	.11131	.00486	.00013	.00054	.00115	.00034	.00007
4.000	.201	.01645	294.24546	-.06779	.10812	.00420	.00015	.00032	-.00033	.00024	.00007
4.000	1.224	.01295	294.24546	-.04515	.10544	.00350	.00015	.00067	-.00035	.00038	-.00011
4.000	2.187	.01307	294.24546	-.02625	.10313	.00348	.00015	.00067	-.00037	.00038	-.00011
4.000	4.244	.01335	294.24546	.01603	.09901	.00187	.00016	.00065	-.00042	.00077	.00007
4.000	6.293	.01384	294.24546	.06605	.09545	-.00089	.00016	.00064	-.00047	.00038	-.00011
4.000	8.383	.01403	294.24546	.12184	.09241	-.00163	.00017	.00062	-.00055	.00038	-.00011
4.000	10.518	.01438	294.24546	.17336	.09061	-.00336	.00018	.00060	-.00063	.00901	-.00011
4.000	12.660	.01498	294.24546	.23501	.08890	-.00567	.00020	.00073	-.00218	.00930	.00007
4.000	16.008	.01578	294.24546	.39932	.08671	-.00393	.00020	.00053	-.00094	.00930	.00007
4.000	20.067	.02075	294.24546	.49856	.08099	.00302	.00008	.00026	-.00269	.00930	.00007
4.000	25.893	.01988	293.81623	.68296	.09042	.00954	.00026	.00053	-.00308	.00929	.00007
4.000	31.176	.01688	294.24546	.88303	.08952	.01412	-.00052	.00078	-.00329	.00930	.00007
4.000	36.310	.02187	294.24546	1.09208	.08987	.01650	-.00019	.00012	-.00164	.00911	-.00011
4.000	41.489	.02724	294.24546	1.30434	.09416	.01675	.00015	-.00039	-.00146	.00887	.00007
4.000	43.641	.02411	294.24546	1.38063	.07832	.00752	.00018	-.00009	-.00126	.00848	-.00011
	GRADIENT	.00015	-.00000	.02192	-.00313	-.00093	.00001	.00002	-.00026	.00007	-.00001

OA44 UPWT 1033 CONF-8A B10C30THRF4,8TE10B3V9X10 (RPHA05) (16 JUL 73)

REFERENCE DATA

BREF =	87.1500 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1280 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0900 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.730	SPDBRK =	54.920

RUN NO. 21/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.635	.00898	543.87074	-.11729	.13880	-.03484	-.00146	.00071	-.00151	.02533	-.00017
2.900	-2.421	.00983	544.29240	-.04198	.13813	-.04097	-.00127	.00077	-.00238	.02554	-.00017
2.900	-1.408	.01030	544.07516	-.00956	.13846	-.04444	-.00135	.00084	-.00318	.02553	-.00017
2.900	-.252	.01043	544.04755	.02909	.13814	-.04818	-.00135	.00075	-.00243	.02582	-.00017
2.900	.794	.01067	543.71468	.05732	.13752	-.05171	-.00135	.00074	-.00245	.02563	-.00017
2.900	1.722	.01459	543.66347	.09004	.13712	-.05518	-.00125	.00054	-.00249	.02559	-.00017
2.900	3.045	.01190	543.99634	.15638	.13627	-.06385	-.00106	.00087	-.00412	.02591	-.00007
2.900	6.007	.01236	543.99634	.23491	.13648	-.07417	-.00097	.00077	-.00339	.02631	-.00007
2.900	8.168	.01322	544.14998	.30528	.13606	-.08150	-.00113	.00082	-.00422	.02701	-.00017
2.900	10.161	.01389	544.14998	.37167	.13590	-.08810	-.00095	.00080	-.00430	.02693	-.00027
2.900	12.532	.01469	544.27801	.45332	.13551	-.09691	-.00093	.00065	-.00516	.02720	-.00017
2.900	16.376	.01290	543.91952	.61158	.13545	-.11354	-.00083	.00099	-.00532	.02674	-.00007
2.900	20.812	.01483	543.97074	.77929	.13770	-.12868	-.00090	.00092	-.00549	.02733	-.00027
2.900	26.238	.01057	544.22673	1.01899	.13855	-.15233	-.00094	.00128	-.00653	.02777	-.00017
2.900	31.686	.03180	544.43164	1.26762	.13862	-.18231	-.00090	.00019	-.00681	.02865	-.00017
2.900	37.054	.02709	544.17558	1.53173	.13978	-.21646	-.00090	.00010	-.00362	.02933	-.00027
2.900	42.524	.01646	544.32928	1.81794	.14037	-.26297	-.00035	.00086	-.00509	.03067	-.00007
2.900	46.323	.00782	543.94513	1.96927	.13709	-.25588	-.00070	.00107	-.00278	.03047	-.00027
	GRADIENT	.00048	-.03204	.03229	-.04029	-.00341	.00004	.00000	-.00022	.00005	.00001

OA44 UPWT 1035 CONF-2A B10C5D7H3F4A07E10R3V3X16 (RPNA05) (10 JUL 73)

REFERENCE DATA

BREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	8.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 22/ 0 RN/L = 2.90 GRADIENT INTERVAL = -9.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.418	.01584	376.25275	-.10394	.10868	-.03497	-.00062	.00039	-.00106	.01229	-.00009
3.900	-2.277	.01582	376.12442	-.06145	.10420	-.03393	-.00050	.00026	.00000	.01229	-.00009
3.900	-1.269	.01617	375.85978	-.03801	.10285	-.03566	-.00061	.00037	-.00115	.01229	-.00009
3.900	-.201	.01635	375.85978	-.01441	.10186	-.03737	-.00049	.00036	-.00119	.01229	-.00009
3.900	.929	.01653	375.84374	.00921	.10068	-.03779	-.00061	.00036	-.00121	.01229	-.00009
3.900	1.623	.01305	375.81167	.02984	.10002	-.03899	-.00061	.00063	-.00122	.01229	-.00009
3.900	3.868	.01338	375.80365	.07903	.09935	-.04460	-.00060	.00062	-.00126	.01229	-.00009
3.900	5.699	.01378	375.86780	.13127	.09919	-.04951	-.00047	.00060	-.00133	.01229	-.00009
3.900	8.147	.01419	375.85978	.19216	.09914	-.05611	-.00046	.00058	-.00139	.01243	.00005
3.900	10.124	.01461	376.03621	.25569	.10064	-.06459	-.00058	.00056	-.00143	.01262	-.00009
3.900	12.489	.01516	376.05225	.33001	.10228	-.07284	-.00045	.00054	-.00152	.01262	-.00009
3.900	16.388	.01257	376.02017	.47053	.10654	-.08773	-.00068	.00077	-.00163	.01262	-.00009
3.900	20.474	.01744	375.99611	.63127	.11081	-.10408	-.00066	.00043	-.00182	.01248	-.00023
3.900	25.682	.01945	376.02819	.85274	.11914	-.12590	-.00062	.00045	-.00323	.01235	.00005
3.900	30.949	.01067	376.09235	1.09351	.12619	-.15139	-.00133	.00129	-.00441	.01262	-.00009
3.900	36.335	.01639	376.04423	1.35528	.13331	-.17933	-.00081	.00073	-.00316	.01276	.00005
3.900	41.493	.01866	376.03621	1.61708	.13752	-.20819	-.00103	.00056	-.00296	.01248	-.00023
3.900	43.777	.01934	376.02017	1.72646	.13597	-.22526	-.00078	.00039	-.00174	.01248	-.00023
	GRADIENT	-.00032	-.05609	.02222	-.00110	-.00116	-.00000	.00004	-.00008	.00000	-.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B1DC3D7H3P4,07E1BR3V5X16 (RPNA05) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 23/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.888	.01546	294.49383	-.09679	.10410	-.03400	-.00017	.00038	.00005	.00868	-.00011
4.600	-1.760	.01590	294.49383	-.05530	.09889	-.03467	.00001	.00049	-.00147	.00868	-.00011
4.600	-.858	.01602	294.49383	-.03646	.09870	-.03470	-.00015	.00049	-.00148	.00868	-.00011
4.600	.198	.01253	294.49383	-.01385	.09470	-.03541	-.00015	.00084	-.00150	.00868	-.00011
4.600	1.258	.01265	294.49383	.00866	.09348	-.03779	-.00015	.00083	-.00151	.00868	-.00011
4.600	2.146	.01279	294.49383	.02755	.09268	-.03788	-.00015	.00083	-.00154	.00868	-.00011
4.600	4.276	.01307	294.49383	.07166	.09121	-.04140	-.00014	.00081	-.00159	.00876	.00007
4.600	6.294	.01340	294.49383	.12338	.09024	-.04477	-.00013	.00080	-.00165	.00858	-.00011
4.600	8.492	.01371	294.49383	.18226	.08961	-.05283	-.00013	.00078	-.00170	.00868	-.00011
4.600	10.395	.01405	294.49383	.24116	.09032	-.06096	-.00012	.00077	-.00174	.00882	-.00030
4.600	12.675	.01446	294.49383	.31364	.09206	-.06880	-.00011	.00074	-.00182	.00892	-.00030
4.600	16.636	.01534	294.49383	.45549	.09817	-.08389	-.00025	.00069	-.00197	.00892	-.00030
4.600	20.758	.01640	294.49383	.61219	.10453	-.09541	-.00039	.00063	-.00217	.00910	-.00011
4.600	25.868	.01777	294.49383	.82761	.11248	-.11839	-.00052	.00055	-.00239	.00910	-.00011
4.600	30.947	.01210	294.49383	1.03344	.11989	-.14509	-.00096	.00131	-.00392	.00910	-.00011
4.600	36.383	.01720	294.49383	1.30834	.12866	-.17680	-.00063	.00064	-.00214	.00910	-.00011
4.600	41.535	.01875	294.49383	1.55238	.13171	-.20934	-.00044	.00048	-.00178	.00892	-.00030
4.600	43.669	.01543	294.49383	1.65090	.12995	-.22971	-.00029	.00064	-.00012	.00868	-.00011
	GRADIENT	-.00045	.00000	.02076	-.00158	-.00092	-.00000	.00007	-.00016	.00001	.00002

OA44 UPWT 1035 CONF-2A 510C30THSF4W07E10R9V8X16 (RPHA06) (10 JUL 73)

REFERENCE DATA

SREF =	67.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 24/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.369	.02030	543.25377	-.14686	.13434	-.01387	-.00171	.00021	-.00238	.02485	-.00009
2.500	-2.446	.02111	542.92090	-.07563	.13317	-.01926	-.00178	.00026	-.00322	.02501	-.00008
2.500	-1.427	.02142	543.02332	-.03666	.13227	-.02256	-.00152	.00026	-.00328	.02496	-.00008
2.500	-.324	.02151	543.20256	-.00429	.13161	-.02640	-.00161	.00017	-.00250	.02520	-.00007
2.500	.718	.02233	543.48422	.02614	.13105	-.02940	-.00149	.00040	-.00490	.02520	-.00007
2.500	1.697	.02221	543.10014	.05671	.13016	-.03248	-.00159	.00023	-.00334	.02519	-.00007
2.500	3.806	.02298	543.56104	.12521	.12887	-.04028	-.00140	.00029	-.00419	.02544	-.00007
2.500	5.936	.02343	542.94650	.19812	.12756	-.04806	-.00132	.00019	-.00347	.02598	-.00007
2.500	8.146	.02431	543.86831	.27035	.12639	-.05482	-.00138	.00024	-.00431	.02636	-.00017
2.500	10.174	.02133	542.94650	.33537	.12503	-.06021	-.00121	.00042	-.00439	.02618	-.00017
2.500	12.528	.02580	543.43301	.41507	.12396	-.06685	-.00137	.00011	-.00367	.02663	-.00037
2.500	16.567	.02355	543.20256	.55956	.12174	-.07801	-.00101	.00025	-.00387	.02728	-.00017
2.500	20.819	.02215	544.14998	.73236	.12197	-.08972	-.00116	.00045	-.00484	.02801	-.00037
2.500	26.109	.02138	543.56104	.95597	.11809	-.10548	-.00121	.00063	-.00590	.02844	-.00027
2.500	31.590	.03518	543.53544	1.19597	.11360	-.12842	-.00041	-.00014	-.00545	.02844	-.00027
2.500	36.930	.03606	543.68907	1.44568	.11052	-.15058	-.00030	-.00046	-.00389	.02915	-.00037
2.500	42.336	.02343	544.04755	1.70642	.10825	-.17698	-.00063	.00034	-.00382	.03024	-.00037
2.500	44.544	.01030	543.68347	1.80630	.10636	-.18079	-.00055	.00097	-.00307	.03029	-.00037
	GRADIENT	.00031	.04679	.03228	-.00068	-.00316	.00004	.00001	-.00021	.00007	.00000

OA44 UPWT 1035 CONF-2A B1OC5D7H3F4W87E10R9V9X16 (RPNA06) (10 JUL 73)

REFERENCE DATA

SREF = 87.1360 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0302 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
BDFLAP = 13.750 SPDBRK = 54.920

RUN NO. 25/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.984	.01908	378.20462	-.12606	.10896	-.02734	-.00051	.00000	.00004	.01248	.00005
3.900	-2.265	.01954	375.74751	-.07275	.10315	-.02530	-.00038	-.00002	-.00006	.01248	.00005
3.900	-1.229	.01972	376.02017	-.04905	.10091	-.02568	-.00037	-.00002	-.00009	.01221	.00020
3.900	-.202	.01986	375.93198	-.03135	.09980	-.02627	-.00037	-.00003	-.00011	.01207	.00005
3.900	.842	.02005	375.77157	-.00767	.09830	-.02671	-.00024	-.00004	-.00016	.01226	-.00009
3.900	1.801	.02040	375.77959	.01585	.09738	-.02843	-.00023	.00007	-.00132	.01207	.00005
3.900	3.874	.02058	375.65128	.06237	.09580	-.03091	-.00024	-.00006	-.00024	.01225	-.00009
3.900	5.944	.01756	375.76355	.11168	.09483	-.03266	.00028	.00033	-.00149	.01240	.00005
3.900	8.112	.01779	375.81167	.16998	.09345	-.03739	.00015	.00019	-.00041	.01248	.00005
3.900	10.076	.01824	375.70742	.22818	.09384	-.04219	.00053	.00018	-.00052	.01267	-.00009
3.900	12.392	.01900	375.96404	.29970	.09430	-.04853	.00129	.00029	-.00182	.01281	.00006
3.900	16.354	.02011	375.62722	.43502	.09658	-.05717	.00094	.00022	-.00197	.01315	.00006
3.900	20.491	.02139	375.82771	.58994	.09847	-.06718	.00071	.00016	-.00216	.01300	-.00009
3.900	25.695	.02340	376.04423	.79978	.10236	-.08021	.00037	.00018	-.00355	.01259	-.00009
3.900	30.987	.01795	375.85978	1.03600	.10498	-.09835	.00014	.00052	-.00258	.01259	-.00009
3.900	36.261	.02378	376.08433	1.27992	.10731	-.11737	.00029	.00008	-.00245	.01292	-.00009
3.900	41.525	.02247	376.03621	1.53917	.10741	-.13918	.00019	.00019	-.00229	.01292	-.00009
3.900	43.723	.01968	375.97205	1.64027	.10490	-.15197	.00033	.00041	-.00220	.01245	-.00023
	GRADIENT	.00018	-.05369	.02125	-.00148	-.00044	.00003	-.00000	-.00008	-.00004	-.00002

OA44 UPWT 1035 CONF-2A B10C50TH3F4,07E10R5V5X10 (RPHA06) (10 JUL 73)

REFERENCE DATA

SREF =	87.1860 SQ.IN.	XMRP =	15.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0802 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	84.920

RUN NO. 26/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.871	.01571	294.14599	-.10033	.10303	-.02837	.00000	.00050	-.00145	.00917	-.00011
4.600	-1.631	.01597	293.71875	-.06249	.09747	-.02675	.00001	.00049	-.00151	.00926	-.00011
4.600	-.613	.01612	294.14599	-.04339	.09472	-.02507	.00001	.00049	-.00155	.00892	.00007
4.600	.221	.01627	294.14599	-.02070	.09281	-.02580	.00017	.00046	-.00159	.00892	.00007
4.600	1.223	.01638	294.57522	-.00556	.09096	-.02507	.00001	.00047	-.00160	.00893	.00007
4.600	2.159	.01651	294.14599	.01701	.09002	-.02752	.00017	.00047	-.00164	.00892	.00007
4.600	4.251	.01680	294.14599	.06125	.08792	-.02940	.00002	.00046	-.00168	.00892	.00007
4.600	6.263	.01713	294.14599	.10572	.08579	-.02966	.00019	.00044	-.00178	.00917	-.00011
4.600	8.424	.01748	294.14599	.16117	.08457	-.03373	.00019	.00042	-.00183	.00917	-.00011
4.600	10.444	.01780	294.14599	.21643	.08398	-.03948	.00020	.00041	-.00188	.00935	.00007
4.600	12.743	.01824	294.14599	.28535	.08443	-.04493	.00021	.00039	-.00197	.00935	.00007
4.600	16.396	.01915	294.14599	.42039	.08781	-.05362	.00023	.00034	-.00216	.00935	.00007
4.600	20.758	.02041	294.14599	.57365	.09158	-.06107	.00010	.00042	-.00383	.00917	-.00011
4.600	25.842	.02181	294.14599	.77489	.09733	-.07460	-.00003	.00034	-.00409	.00935	.00007
4.600	31.206	.01988	294.14599	1.00455	.10014	-.09361	-.00031	.00074	-.00567	.00917	-.00011
4.600	36.266	.02130	294.14599	1.23878	.10412	-.11450	.00002	.00044	-.00395	.00935	.00007
4.600	41.535	.02658	294.14599	1.48345	.10277	-.13681	.00037	-.00008	-.00367	.00917	-.00011
4.600	43.634	.02346	294.14599	1.57857	.09998	-.15519	.00037	.00022	-.00346	.00908	-.00011
	GRADIENT	.00013	.03047	.01984	-.00186	-.00013	.00001	-.00001	-.00003	-.00004	.00003

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C5D7H3F4A07E10R5V5X16 (RPNA07) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	15.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	54.920

RUN NO. 27/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.659	.00939	543.61225	-.13190	.13238	-.00556	-.00009	.00072	-.00178	.02473	-.00018
2.500	-2.392	.01412	544.35452	-.07637	.13127	-.00993	.00011	.00067	-.00348	.02526	-.00018
2.500	-1.485	.01436	543.84271	-.04598	.13059	-.01299	.00003	.00066	-.00348	.02535	-.00006
2.500	-.298	.01411	544.30361	-.01123	.12942	-.01589	.00018	.00041	-.00117	.02534	-.00027
2.500	.777	.01474	543.86831	.02118	.12806	-.01929	.00011	.00056	-.00278	.02520	-.00018
2.500	1.719	.01493	544.27801	.05169	.12687	-.02144	.00011	.00047	-.00200	.02510	-.00018
2.500	3.851	.01579	543.97074	.11815	.12506	-.02797	.00005	.00061	-.00362	.02515	-.00018
2.500	5.898	.01300	544.32922	.19662	.12377	-.03401	.00015	.00086	-.00447	.02585	-.00006
2.500	8.193	.01334	544.07316	.25942	.12200	-.03997	.00014	.00068	-.00297	.02629	-.00017
2.500	10.159	.01438	544.07316	.32381	.12015	-.04435	.00016	.00081	-.00462	.02637	-.00027
2.500	12.537	.01524	544.30361	.39965	.11823	-.04844	.00026	.00078	-.00472	.02641	-.00017
2.500	16.572	.01709	544.17558	.54398	.11447	-.05599	.00046	.00081	-.00572	.02666	-.00027
2.500	20.792	.01514	544.04755	.70640	.11286	-.06194	.00046	.00078	-.00440	.02719	-.00037
2.500	26.123	.01482	543.56104	.92577	.10710	-.07328	.00051	.00111	-.00707	.02790	-.00027
2.500	31.606	.02829	543.12574	1.16683	.10085	-.08984	.00087	.00018	-.00503	.02824	-.00027
2.500	36.955	.03848	543.84271	1.41545	.09572	-.11210	.00098	-.00052	-.00351	.02890	-.00037
2.500	42.259	.01306	543.43301	1.66670	.09161	-.13365	.00073	.00094	-.00425	.02969	-.00037
2.500	44.646	.00785	543.99634	1.76929	.08937	-.13835	.00093	.00142	-.00588	.02975	-.00037
	GRADIENT	.00062	.03061	.03152	-.00091	-.00267	.00001	-.00002	-.00008	.00003	-.00000

OA44 UPWT 1039 CONF-EA B10C9D7H3F4W87E10R5V5X16 (RPHA07) (10 JUL 73)

REFERENCE DATA

BREF =	87.1580 SQ.IN.	XMRP =	13.1489 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	54.920

RUN NO. 28/ 0 RNVL = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.307	.01941	375.88384	-.11667	.10333	-.02364	.00112	.00013	-.00130	.01205	-.00009
3.900	-2.073	.01800	376.09235	-.08905	.10043	-.02186	.00136	.00020	-.00026	.01205	-.00009
3.900	-1.199	.01813	375.95802	-.05139	.09891	-.02247	.00124	.00027	-.00026	.01205	-.00009
3.900	-.157	.01831	376.10838	-.02788	.09735	-.02289	.00074	.00026	-.00024	.01197	-.00009
3.900	.854	.01849	375.73949	-.00716	.09605	-.02279	.00075	.00025	-.00028	.01197	-.00009
3.900	1.792	.01863	375.92394	.01058	.09486	-.02338	.00075	.00025	-.00030	.01197	-.00009
3.900	3.432	.01899	375.84800	.03697	.09336	-.02584	.00083	.00023	-.00034	.01197	-.00009
3.900	5.565	.01734	375.98809	.09766	.09232	-.02722	.00063	.00022	-.00040	.01197	-.00009
3.900	8.067	.01786	375.95802	.16462	.09043	-.03104	.00089	.00020	-.00051	.01216	-.00024
3.900	10.056	.01831	375.98809	.21976	.09009	-.03397	.00077	.00018	-.00058	.01230	-.00009
3.900	12.532	.01898	376.05225	.29719	.09043	-.03784	.00078	.00015	-.00069	.01230	-.00009
3.900	16.342	.02003	375.83573	.42093	.09132	-.04268	.00068	.00010	-.00068	.01264	-.00009
3.900	20.451	.02138	375.95602	.57338	.09146	-.04697	.00071	.00016	-.00225	.01272	-.00009
3.900	25.796	.01988	375.75553	.78147	.09315	-.05306	.00073	.00035	-.00259	.01249	-.00023
3.900	31.152	.01850	375.78761	1.01436	.09306	-.06414	.00014	.00062	-.00367	.01264	-.00009
3.900	36.238	.02389	375.75742	1.24833	.09348	-.07965	.00040	-.00003	-.00151	.01257	-.00023
3.900	41.491	.02246	375.84374	1.49832	.08971	-.09961	.00010	.00008	-.00132	.01257	-.00023
3.900	43.707	.02339	375.89968	1.60210	.08713	-.10912	.00031	.00002	-.00127	.01249	-.00023
	GRADIENT	-.00020	-.00646	.02121	-.00147	-.00028	-.00009	.00001	.00009	-.00001	.00000

OA44 UPWT 1035 CONF-2A B10C9D7H3F4W07E10R5V9X10 (RPHA07) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1223 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	94.920

RUN NO. 29/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.918	.01549	294.35367	-.10754	.10193	-.02689	.00048	.00036	-.00004	.00862	-.00030
4.600	-1.691	.01581	293.92443	-.06215	.09595	-.02502	.00047	.00035	-.00011	.00845	.00007
4.600	-.845	.01592	293.92443	-.04696	.09328	-.02433	.00047	.00035	-.00014	.00845	.00007
4.600	.217	.01607	294.35367	-.02789	.09116	-.02266	.00047	.00034	-.00017	.00856	.00007
4.600	1.240	.01621	293.92443	-.00331	.08944	-.02344	.00032	.00033	-.00019	.00845	.00007
4.600	2.221	.01635	294.35367	.01361	.08808	-.02345	.00048	.00033	-.00023	.00880	-.00011
4.600	4.374	.01665	293.92443	.05792	.08583	-.02538	.00048	.00031	-.00029	.00851	-.00030
4.600	6.201	.01696	293.92443	.09872	.08415	-.02494	.00049	.00030	-.00036	.00851	-.00030
4.600	8.493	.01731	293.92443	.15415	.08233	-.02698	.00050	.00028	-.00042	.00870	-.00012
4.600	10.389	.01768	294.35367	.20945	.08141	-.03142	.00050	.00026	-.00050	.00870	-.00011
4.600	12.632	.01809	294.35367	.27093	.08130	-.03541	.00051	.00024	-.00058	.00880	-.00011
4.600	16.604	.01905	293.92443	.40654	.08313	-.03921	.00005	.00019	-.00075	.00904	-.00030
4.600	20.681	.02015	293.92443	.54926	.08490	-.03955	-.00009	.00012	-.00099	.00922	-.00011
4.600	25.906	.02164	293.92443	.75455	.08807	-.04722	-.00022	.00004	-.00129	.00888	.00007
4.600	31.201	.01970	293.92443	.97353	.08908	-.06095	-.00050	.00044	-.00289	.03922	-.00011
4.600	36.316	.02114	293.92443	1.20065	.09015	-.07524	-.00018	.00014	-.00119	.00912	-.00011
4.600	41.466	.02270	293.92443	1.43927	.08638	-.09803	-.00015	-.00001	-.00085	.00870	-.00012
4.600	43.754	.02691	293.92443	1.53691	.08205	-.11187	-.00014	-.00044	-.00067	.00851	-.00030
	GRADIENT	.00014	-.02102	.01986	-.00195	.00023	-.00000	-.00001	-.00003	.00001	-.00001

OA44 UPWT 1035 CONF-BA B1OC9D7M3F4W9TE10R5V5X10 (RPNAOB) (10 JUL 73)

REFERENCE DATA

SREF =	87.1300 SQ.IN.	XMRP =	15.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	8.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 30/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.900	-4.648	.01373	544.66209	-.20845	.14422	.03696	-.00190	.00041	-.00108	.02337	-.00028
2.900	-2.498	.01812	543.66831	-.13350	.14024	.03097	-.00197	.00028	-.00192	.02365	-.00018
2.900	-1.371	.02201	544.17558	-.09889	.13841	.02718	-.00188	.00007	-.00195	.02368	-.00018
2.900	-.365	.02227	544.27601	-.06835	.13665	.02467	-.00198	.00006	-.00196	.02384	-.00018
2.900	.783	.02253	544.02195	-.02979	.13440	.02054	-.00179	.00006	-.00200	.02388	-.00018
2.900	1.802	.02315	544.17558	.00259	.13253	.01715	-.00177	.00021	-.00359	.02389	-.00018
2.900	3.796	.02312	543.69392	.06733	.12879	.01106	-.00144	-.00005	-.00131	.02383	-.00018
2.900	5.815	.02044	543.94513	.13582	.12577	.00419	-.00133	.00029	-.00294	.02430	-.00028
2.900	8.10[illegible]	.01770	543.79150	.20865	.12309	-.00082	-.00106	.00054	-.00382	.02469	-.00006
2.900	10.130	.01819	544.14998	.27307	.12079	-.00433	-.00106	.00044	-.00311	.02513	-.00006
2.900	12.538	.01825	544.50646	.34890	.11764	-.00662	-.00098	.00049	-.00400	.02550	-.00017
2.900	16.901	.01732	543.99634	.48581	.11398	-.00821	-.00077	.00063	-.00423	.02646	-.00017
2.900	20.762	.01594	544.20119	.64400	.11000	-.00796	-.00109	.00083	-.00522	.02715	-.00017
2.900	26.226	.02230	544.53406	.85070	.10119	-.00453	-.00107	.00046	-.00482	.02705	-.00027
2.900	31.595	.02864	544.35482	1.06722	.09180	-.01179	-.00070	.00006	-.00433	.02783	-.00017
2.900	36.956	.03875	543.94513	1.30460	.08312	-.01813	-.00069	-.00070	-.00206	.02777	-.00017
2.900	42.173	-.00073	543.27938	1.53876	.07545	-.02363	-.00221	.00165	-.00572	.02776	-.00017
2.900	44.560	-.00330	543.66347	1.63638	.07205	-.02576	-.00214	.00173	-.00341	.02784	-.00027
	GRADIENT	.00109	-.05920	.03251	-.00183	-.00310	.00005	-.00004	-.00010	.00004	.00001

0A44 UPWT 1035 CONF-2A B10C507N3F4A07E10R3V3X16 (RPHA08) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.407	.01988	375.91592	-.14541	.11207	-.00300	-.00087	.00010	-.00122	.01168	.00005
3.900	-2.261	.02004	375.69138	-.09805	.10561	-.00244	-.00074	.00008	-.00129	.01168	.00005
3.900	-1.299	.02018	376.12442	-.07730	.10326	-.00357	-.00074	.00008	-.00131	.01168	.00005
3.900	-.223	.02033	375.83573	-.05379	.10134	-.00324	-.00074	.00007	-.00133	.01169	.00005
3.900	.875	.02051	375.98007	-.0301	.09957	-.00365	-.00073	.00006	-.00136	.01154	-.00009
3.900	1.794	.02069	375.99611	-.00941	.09818	-.00354	-.00073	.00006	-.00139	.01168	.00005
3.900	3.940	.01741	375.81969	.03704	.09537	-.00795	-.00081	.00033	-.00145	.01154	-.00009
3.900	5.998	.01783	375.97205	.08654	.09315	-.00840	-.00080	.00031	-.00152	.01173	-.00024
3.900	8.066	.01824	376.00413	.13888	.09120	-.01070	-.00059	.00029	-.00159	.01195	-.00009
3.900	10.131	.01872	375.97205	.19410	.09095	-.01236	-.00059	.00027	-.00167	.01202	.00005
3.900	12.426	.01567	376.00413	.26003	.09067	-.01376	-.00058	.00053	-.00177	.01229	-.00009
3.900	16.329	.01698	375.73147	.38429	.09072	-.01110	-.00057	.00047	-.00200	.01262	-.00009
3.900	20.430	.01826	376.06027	.52231	.08998	-.00746	-.00055	.00041	-.00227	.01248	-.00023
3.900	25.685	.02029	376.07631	.71609	.08982	-.00044	-.00065	.00032	-.00264	.01240	-.00023
3.900	30.972	.01893	375.97205	.93241	.08777	-.00041	-.00111	.00060	-.00399	.01248	-.00023
3.900	36.227	.02448	375.95602	1.15492	.08523	.00046	-.00086	-.00006	-.00169	.01240	-.00023
3.900	41.425	.02686	376.02017	1.38877	.07951	-.00078	-.00083	-.00022	-.00183	.01206	-.00023
3.900	43.731	.02415	375.95602	1.48721	.07414	-.00527	-.00070	.00000	-.00158	.01143	-.00038
	GRADIENT	-.00017	.00142	.02185	-.00196	-.00064	.00002	.00002	-.00003	-.00002	-.00002

OA44 UPWT 1035 CONF-2A B10C90TH3F4A0TE10R9V5X10 (RPHA08) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1489 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 32/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.000	-3.978	.01932	294.39888	-.13307	.10724	-.00741	-.00079	.00013	-.00149	.00843	.00007
4.000	-1.888	.01611	294.39888	-.08789	.09988	-.01036	-.00065	.00048	-.00153	.00823	-.00011
4.000	-.821	.01626	294.39888	-.06515	.09689	-.00941	-.00063	.00047	-.00158	.00834	.00007
4.000	.210	.01638	294.39888	-.04626	.09398	-.00939	-.00063	.00047	-.00159	.00835	-.00011
4.000	1.231	.01651	294.39888	-.02737	.09174	-.00940	-.00062	.00046	-.00161	.00835	-.00011
4.000	2.287	.01666	294.39888	-.00475	.09016	-.01015	-.00046	.00046	-.00166	.00835	-.00011
4.000	4.203	.01696	293.96965	.03800	.08779	-.00970	-.00046	.00044	-.00172	.00825	-.00011
4.000	6.353	.01729	294.39888	.08400	.08489	-.01064	-.00045	.00043	-.00179	.00843	.00007
4.000	8.507	.01764	294.39888	.13578	.08249	-.01232	-.00045	.00041	-.00186	.00843	.00007
4.000	10.472	.01799	294.39888	.18376	.08183	-.01336	-.00044	.00039	-.00193	.00868	-.00011
4.000	12.635	.01845	294.39888	.24553	.08131	-.01409	-.00043	.00037	-.00203	.00868	-.00011
4.000	16.351	.01943	294.39888	.36974	.08252	-.01239	-.00042	.00032	-.00227	.00869	-.00011
4.000	20.762	.01890	293.96965	.50950	.08334	-.00548	-.00040	.00062	-.00256	.00896	.00007
4.000	25.944	.02218	294.39888	.69377	.08531	.00028	-.00069	.00017	-.00291	.00898	.00007
4.000	31.124	.02014	294.39888	.89691	.08408	.00165	-.00083	.00043	-.00314	.00902	-.00030
4.000	36.247	.02185	294.39888	1.10938	.08322	.00173	-.00065	.00027	-.00294	.00886	.00007
4.000	41.378	.02327	294.39888	1.32518	.07998	-.00521	-.00048	-.00003	-.00123	.00868	-.00011
4.000	43.557	.02748	294.39888	1.41307	.07008	-.01191	-.00063	-.00045	-.00106	.00849	-.00030
	GRADIENT	-.00021	-.03905	.02043	-.00238	-.00021	.00004	.00003	-.00003	-.00002	-.00002

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C5D7H3F4A8TE10R5V5X10 (RPHA09) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 33/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.625	.00984	544.07516	-.18122	.13336	-.00184	.00224	.00091	-.00361	.02493	-.00007
2.900	-2.474	.01396	543.07453	-.09008	.13275	-.00637	.00218	.00061	-.00291	.02553	.00003
2.900	-1.415	.01484	543.17695	-.05544	.13175	-.00928	.00244	.00078	-.00453	.02572	-.00007
2.900	-.337	.01878	543.81952	-.01856	.13100	-.01259	.00220	.00063	-.00534	.02578	.00003
2.900	.716	.01889	543.61225	.01379	.12968	-.01512	.00237	.00055	-.00461	.02577	.00003
2.900	1.705	.01918	544.04755	.04430	.12881	-.01727	.00237	.00054	-.00464	.02572	.00003
2.900	3.815	.02017	543.89392	.11284	.12678	-.02418	.00256	.00068	-.00630	.02595	.00003
2.900	5.918	.02468	544.32922	.18136	.12554	-.03022	.00293	.00054	-.00720	.02641	.00003
2.900	8.154	.02485	543.48422	.25452	.12404	-.03623	.00309	.00028	-.00495	.02706	.00013
2.900	10.194	.02922	543.74028	.31896	.12263	-.03974	.00318	.00007	-.00505	.02738	.00003
2.900	12.543	.03013	544.07316	.39290	.12076	-.04255	.00354	.00004	-.00521	.02779	.00003
2.900	16.582	.03174	543.71468	.53787	.11642	-.04835	.00432	-.00008	-.00475	.02768	-.00007
2.900	20.802	.04157	543.91312	.69812	.11291	-.05203	.00497	-.00039	-.00671	.02677	-.00007
2.900	26.143	.04456	543.43301	.91401	.10668	-.05994	.00595	-.00046	-.00724	.02714	-.00027
2.900	31.521	.06558	543.89392	1.14775	.10047	-.07251	.00725	-.00177	-.00544	.02784	.00003
2.900	36.932	.07992	543.89392	1.39016	.09555	-.08983	.00832	-.00257	-.00498	.02995	-.00007
2.900	42.344	.08192	543.81710	1.64255	.09044	-.11078	.00894	-.00157	-.00518	.02982	-.00017
2.900	44.584	.05267	544.27801	1.74183	.08868	-.11740	.01022	-.00112	-.00468	.02994	-.00017
	GRADIENT	.00127	.03690	.03242	-.00082	-.00264	.00004	-.00003	-.00032	.00010	.00001

OA44 UPWT 1035 CONF-BA B10C80THRF4,0TE10R8V3X10 (RPHA00) (10 JUL 73)

REFERENCE DATA

BREF =	87.1500 SQ.IN.	XMRP =	13.1490 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
SDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 34/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
3.900	-4.356	.01541	376.14046	-.11942	.10676	-.02316	.00108	.00018	.00098	.01247	.00020
3.900	-2.231	.01580	376.12442	-.07490	.10201	-.02083	.00110	.00016	.00091	.01233	.00006
3.900	-1.237	.01900	376.22066	-.05414	.10032	-.02069	.00123	.00016	.00086	.01226	.00034
3.900	-.193	.01976	375.78781	-.03335	.09800	-.02185	.00123	-.00013	.00083	.01214	.00020
3.900	.865	.01831	376.10036	-.01291	.09724	-.02108	.00123	.00014	.00081	.01233	.00006
3.900	1.817	.02014	376.10838	.01085	.09636	-.02215	.00136	-.00014	.00075	.01233	.00006
3.900	3.899	.02052	376.08433	.05446	.09447	-.02276	.00149	-.00018	.00067	.01233	.00006
3.900	5.967	.01720	376.05225	.10306	.09315	-.02579	.00187	.00011	.00057	.01247	.00020
3.900	8.094	.02160	375.84374	.16232	.09170	-.02797	.00225	-.00018	.00044	.01261	.00034
3.900	10.102	.02187	375.89900	.21750	.09180	-.03091	.00238	-.00020	.00034	.01280	.00020
3.900	12.388	.02600	376.24471	.28809	.09153	-.03540	.00289	-.00030	.00018	.01281	.00020
3.900	16.390	.02726	376.33293	.41547	.09212	-.03896	.00341	-.00034	-.00010	.01307	.00006
3.900	20.498	.03254	375.98809	.56582	.09261	-.04148	.00430	-.00068	-.00049	.01280	.00020
3.900	25.682	.03823	376.17254	.76798	.09410	-.04581	.00571	-.00112	-.00221	.01273	.00020
3.900	30.995	.03676	376.10838	.99248	.09413	-.05191	.00398	-.00094	-.00254	.01299	.00006
3.900	36.221	.04991	376.10838	1.22944	.09446	-.06159	.00738	-.00204	-.00159	.01314	.00020
3.900	41.516	.05605	376.14046	1.48014	.09092	-.07647	.00829	-.00247	-.00168	.01299	.00006
3.900	43.695	.05688	376.10036	1.57881	.08817	-.08232	.00878	-.00265	-.00060	.01277	-.00009
	GRADIENT	.00068	-.00085	.02103	-.00147	-.00004	.00005	-.00005	-.00004	-.00001	-.00002

OA44 UPWT 1033 CONF-2A B10C90THOF4@RTE10R9V9X16 (RPHA08) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	34.920

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
4.600	-3.958	.01535	294.64304	-.11087	.10373	-.02480	.00092	.00022	.00134	.00891	.00026
4.600	-1.842	.01580	294.21381	-.06943	.09099	-.02362	.00094	.00036	-.00018	.00901	.00026
4.600	-.841	.01574	294.64304	-.05039	.09470	-.02361	.00093	.00020	.00126	.00902	.00026
4.600	.199	.01610	294.21381	-.03274	.09254	-.02272	.00111	.00033	-.00025	.00891	.00026
4.600	1.227	.01621	294.21381	-.01261	.09027	-.02200	.00095	.00034	-.00025	.00891	.00026
4.600	2.172	.01637	294.64304	.01009	.08947	-.02278	.00127	.00033	-.00032	.00891	.00026
4.600	4.230	.02015	294.64304	.05066	.08712	-.02393	.00127	-.00018	.00107	.00891	.00026
4.600	6.292	.02044	294.21381	.09521	.08531	-.02423	.00159	-.00019	.00098	.00891	.00026
4.600	8.438	.02100	294.21381	.15052	.08334	-.02663	.00209	-.00036	-.00062	.00925	.00027
4.600	10.404	.02117	294.64304	.20603	.08290	-.03072	.00224	-.00022	.00074	.00944	.00026
4.600	12.711	.02530	294.64304	.27145	.08254	-.03216	.00273	-.00060	.00037	.00954	.00026
4.600	16.633	.02627	294.64304	.40289	.08484	-.03681	.00354	-.00064	.00025	.00954	.00026
4.600	20.736	.02748	294.64304	.54938	.08652	-.03461	.00435	-.00069	-.00014	.00944	.00026
4.600	25.940	.03287	294.64304	.74713	.09020	-.03919	.00551	-.00098	-.00211	.00944	.00026
4.600	31.079	.03448	294.64304	.96276	.09060	-.04498	.00601	-.00107	-.00244	.00954	.00026
4.600	36.324	.03977	294.21381	1.19309	.09214	-.05908	.00765	-.00172	-.00100	.00959	.00027
4.600	41.532	.04476	294.21381	1.42919	.08736	-.07622	.00962	-.00259	-.00090	.00940	-.00011
4.600	43.655	.04918	294.64304	1.51875	.09274	-.09682	.00992	-.00278	.00065	.00940	-.00011
	GRADIENT	.00049	.00910	.01967	-.00201	.00114	.00005	-.00004	-.00007	-.00001	-.00000

0A44 UPWT 1035 CONF-2A B1DC9D7H3F4W8TE10R9V9X16 (RPHA10) (10 JUL 75)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
BOFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 36/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.702	-.01184	543.74028	-.17834	.13683	.01818	.00213	.00198	-.00293	.02441	.00002
2.500	-2.511	-.00363	543.74028	-.10706	.13425	.01205	.00198	.00165	-.00376	.02449	-.00008
2.500	-1.286	.00039	543.94513	-.06840	.13281	.01016	.00225	.00145	-.00384	.02449	-.00008
2.500	-.404	.00425	544.40604	-.03999	.13 52	.00752	.00191	.00124	-.00383	.02445	-.00008
2.500	.805	.00820	544.14998	.00057	...975	.00345	.00174	.00103	-.00385	.02467	-.00007
2.500	1.728	.00481	543.91952	.02901	.12852	.00083	.00175	.00122	-.00387	.02467	-.00007
2.500	3.798	.00883	544.90848	.09156	.12598	-.00490	.00218	.00093	-.00319	.02497	-.00007
2.500	5.892	.00927	544.38043	.16011	.12334	-.01093	.00192	.00083	-.00244	.02517	.00002
2.500	8.272	.01427	544.38043	.23873	.12149	-.01624	.00187	.00084	-.00489	.02587	-.00007
2.500	10.228	.01476	544.71331	.29906	.11917	-.01898	.00204	.00075	-.00420	.02617	-.00007
2.500	12.449	.01926	544.40604	.36934	.11732	-.02103	.00231	.00053	-.00435	.02662	-.00007
2.500	16.603	.01742	544.20119	.51197	.11269	-.02376	.00259	.00067	-.00461	.02736	-.00007
2.500	20.894	.01961	543.99634	.67469	.10847	-.02520	.00287	.00060	-.00494	.02687	-.00027
2.500	26.211	.02983	543.36104	.88264	.10008	-.02793	.00385	.00013	-.00548	.02728	-.00037
2.500	31.737	.04028	543.25377	1.11974	.09147	-.03652	.00465	-.00045	-.00514	.02770	-.00017
2.500	36.964	.05390	543.56104	1.34817	.08405	-.04746	.00560	-.00149	-.00228	.02814	-.00037
2.500	42.239	.02526	543.53544	1.58667	.07705	-.05943	.00520	.00033	-.00463	.02866	-.00037
2.500	44.867	.01584	543.58665	1.69131	.07455	-.05988	.00545	.00068	-.00319	.02879	-.00047
	GRADIENT	.00241	.08118	.03189	-.00128	-.00281	-.00002	-.00012	-.00003	.00006	-.00001

OA44 UPWT 1035 CONF-2A B10C3D7H3F4W07E10R5V9X16 (RPNA10) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 37/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.427	.01245	376.20482	-.13072	.10751	-.01454	.00149	.00080	-.00251	.01193	.00005
3.900	-2.197	.01266	376.06829	-.08330	.10207	-.01274	.00137	.00067	-.00143	.01193	.00005
3.900	-1.283	.01283	376.16452	-.06257	.10035	-.01262	.00137	.00068	-.00146	.01193	.00005
3.900	-.188	.01297	375.92394	-.04203	.09836	-.01373	.00112	.00068	-.00146	.01193	.00005
3.900	.889	.01334	376.10036	-.01842	.09667	-.01413	.00114	.00076	-.00263	.01193	.00005
3.900	1.821	.01331	375.85978	.00225	.09559	-.01532	.00113	.00064	-.00152	.01193	.00005
3.900	3.862	.01371	376.07631	.04589	.09343	-.01465	.00101	.00063	-.00158	.01204	-.00009
3.900	6.126	.01432	376.03621	.09811	.09149	-.01693	.00103	.00072	-.00278	.01219	.00005
3.900	8.052	.01475	376.17254	.14765	.09007	-.01741	.00116	.00071	-.00288	.01227	.00005
3.900	10.014	.01502	376.07631	.20300	.08950	-.02034	.00140	.00058	-.00184	.01227	.00005
3.900	12.414	.01566	376.10036	.27187	.08920	-.02103	.00153	.00055	-.00198	.01260	.00006
3.900	16.617	.02059	375.93998	.41035	.08938	-.02247	.00193	.00022	-.00227	.01260	.00006
3.900	20.541	.02197	375.96404	.54882	.08901	-.02013	.00232	.00016	-.00259	.01279	-.00009
3.900	25.845	.02405	375.97205	.74556	.08898	-.01623	.00309	.00008	-.00310	.01245	-.00009
3.900	30.857	.01898	376.13244	.95278	.08737	-.01957	.00312	.00066	-.00451	.01260	.00006
3.900	36.301	.02834	376.24471	1.18906	.08481	-.02407	.00438	-.00028	-.00237	.01271	-.00009
3.900	41.430	.03080	376.10838	1.42645	.08027	-.02973	.00503	-.00043	-.00244	.01257	-.00023
3.900	43.659	.03149	376.09235	1.52178	.07540	-.03877	.00565	-.00060	-.00133	.01223	-.00023
	GRADIENT	.00016	-.02318	.02125	-.00169	-.00016	-.00006	-.00001	.00005	.00001	-.00001

OA44 UPWT 1035 CONF-2A B10C9D7M3F4W07E10R3V9X16 (RPNA10) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	8.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 36/ 0 RN/L = 2.51 GRADIENT INTERVAL = -9.00/ 9.00

MACH	ALPHA	BETA	Q(P&F)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.926	.00837	295.02705	-.11031	.10310	-.01601	.00142	.00125	-.00163	.00876	.00007
4.600	-1.706	.00864	295.02705	-.06885	.09824	-.01698	.00110	.00121	-.00166	.00865	.00007
4.600	-.850	.01259	295.02705	-.04999	.09434	-.01704	.00111	.00065	-.00169	.00878	.00007
4.600	.188	.01271	294.59782	-.03122	.09175	-.01705	.00098	.00084	-.00170	.00865	.00007
4.600	1.354	.01289	294.59782	-.00477	.08967	-.01684	.00096	.00084	-.00174	.00865	.00007
4.600	2.271	.01302	294.59782	.01033	.08834	-.01619	.00096	.00083	-.00177	.00875	.00007
4.600	4.281	.01332	295.02705	.04716	.08573	-.01498	.00097	.00082	-.00183	.00865	.00007
4.600	6.192	.01361	295.02705	.09135	.08363	-.01687	.00081	.00080	-.00187	.00865	.00007
4.600	8.423	.01401	295.02705	.14690	.08173	-.01765	.00114	.00079	-.00200	.00865	.00007
4.600	10.378	.01434	295.02705	.19845	.08064	-.02102	.00114	.00077	-.00206	.00900	-.00011
4.600	12.808	.01485	295.02705	.26367	.07978	-.02082	.00131	.00075	-.00220	.00890	-.00011
4.600	16.686	.01568	295.02705	.39157	.08155	-.01987	.00179	.00055	-.00105	.00900	-.00011
4.600	20.782	.01683	294.59782	.52735	.08261	-.01553	.00228	.00050	-.00139	.00908	.00007
4.600	26.002	.02208	295.02705	.72067	.08457	-.01283	.00279	.00006	-.00165	.00908	.00007
4.600	31.056	.02018	295.02705	.92141	.08335	-.01630	.00314	.00047	-.00359	.00908	.00007
4.600	36.240	.02157	295.02705	1.14448	.08298	-.02329	.00424	.00003	-.00062	.00890	-.00011
4.600	41.626	.02721	295.02705	1.37790	.07598	-.03219	.00524	-.00033	-.00196	.00900	-.00011
4.600	43.618	.03123	295.02705	1.46243	.07120	-.03980	.00540	-.00089	-.00042	.00890	-.00011
	GRADIENT	.00064	-.03044	.01939	-.00211	.00032	-.00005	-.00006	-.00002	-.00001	.00000

OA44 UPWT 1035 CONF-2A B1DC5D7H3F4W07E10R5V5X16 (RPNA11) (10 JUL 75)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	0.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 39/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.649	-.01186	543.89392	-.20808	.14367	.03538	.00189	.00279	-.00534	.02399	-.00018
2.500	-2.544	-.01422	544.38043	-.13673	.13979	.02916	.00171	.00222	-.00382	.02384	-.00027
2.500	-1.397	-.00992	543.38665	-.10037	.13788	.02595	.00174	.00218	-.00543	.02377	-.00027
2.500	-.370	-.01005	543.40741	-.06784	.13657	.02254	.00155	.00201	-.00386	.02402	-.00008
2.500	.660	-.00595	543.83786	-.03519	.13425	.02005	.00183	.00189	-.00471	.02397	-.00008
2.500	1.858	-.00530	544.09877	.00322	.13211	.01549	.00167	.00203	-.00628	.02411	-.00018
2.500	3.773	-.00152	543.99834	.06383	.12877	.01016	.00175	.00167	-.00477	.02375	-.00008
2.500	6.036	-.00091	544.25240	.13629	.12532	.00252	.00168	.00164	-.00481	.02411	.00022
2.500	8.149	.00018	544.50846	.20682	.12299	-.00212	.00170	.00178	-.00648	.02489	.00002
2.500	10.127	.00378	544.43164	.27148	.12069	-.00477	.00142	.00124	-.00338	.02512	.00002
2.500	12.765	.00872	544.25240	.35552	.11797	-.00863	.00154	.00117	-.00508	.02605	-.00007
2.500	16.675	.01025	544.04755	.49026	.11392	-.00983	.00163	.00104	-.00453	.02713	-.00007
2.500	20.901	.01236	544.30361	.64640	.10982	-.00923	.00148	.00097	-.00479	.02737	-.00017
2.500	26.094	.01888	544.40604	.84555	.10144	-.00684	.00202	.00069	-.00526	.02688	-.00027
2.500	31.689	.03289	544.53476	1.07744	.09173	-.01371	.00291	-.00008	-.00492	.02776	-.00007
2.500	36.990	.04246	544.25240	1.30457	.08357	-.01987	.00342	-.00108	-.00042	.02823	-.00017
2.500	42.455	-.00412	544.50843	1.54991	.07524	-.02892	.00173	.00184	-.00405	.02805	-.00037
2.500	44.565	.00075	544.38043	1.63524	.07277	-.02724	.00233	.00143	-.00267	.02828	-.00047
	GRADIENT	.00230	-.00271	.03218	-.00176	-.00301	-.00001	-.00012	-.00005	-.00000	.00002

OA44 UPWT 1035 CONF-2A B10C5D7H3F4W07E10R8V5X16 (RPNA11) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
BOFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 40/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.359	.00519	376.11640	-.14467	.11147	-.00292	.00172	.00124	-.00148	.01185	.00005
3.900	-2.248	.00552	375.94800	-.09747	.10511	-.00385	.00160	.00123	-.00150	.01185	.00005
3.900	-1.208	.00569	375.85978	-.07387	.10297	-.00406	.00148	.00122	-.00151	.01185	.00005
3.900	-.170	.00583	375.85978	-.05329	.10112	-.00518	.00124	.00121	-.00151	.01163	-.00009
3.900	.853	.00602	375.88384	-.02963	.09933	-.00560	.00124	.00121	-.00154	.01185	.00005
3.900	1.748	.00619	375.82771	-.00891	.09804	-.00590	.00124	.00120	-.00157	.01177	.00005
3.900	3.875	.01018	375.78761	.03751	.09558	-.00793	.00113	.00090	-.00162	.01185	.00005
3.900	5.061	.01061	375.81989	.06988	.09285	-.00892	.00101	.00089	-.00169	.01199	.00020
3.900	7.874	.01096	375.84374	.13349	.09125	-.01084	.00102	.00087	-.00174	.01218	.00005
3.900	9.900	.01145	375.86780	.19176	.09076	-.01305	.00102	.00085	-.00183	.01226	.00005
3.900	12.341	.01208	375.88384	.26057	.09032	-.01373	.00091	.00082	-.00193	.01260	.00006
3.900	16.320	.01326	375.93198	.38723	.09082	-.01419	.00092	.00077	-.00216	.01279	-.00009
3.900	20.488	.01838	376.09235	.53136	.09003	-.00914	.00107	.00043	-.00248	.01279	-.00009
3.900	25.894	.02050	376.16452	.72795	.08969	-.00141	.00159	.00034	-.00276	.01246	-.00009
3.900	31.034	.01532	376.18858	.93830	.08811	-.00193	.00149	.00079	-.00322	.01260	.00006
3.900	36.195	.02086	376.12442	1.15808	.08519	-.00262	.00224	.00014	-.00100	.01279	-.00009
3.900	41.400	.02310	376.01215	1.38963	.07948	-.00457	.00275	-.00013	.00010	.01245	-.00009
3.900	43.655	.02765	376.32491	1.48377	.07352	-.00974	.00314	-.00047	.00009	.01182	-.00023
	GRADIENT	.00050	-.03579	.02210	-.00190	-.00039	-.00006	-.00003	-.00002	-.00000	-.00000

OA44 UPWT 1038 CONF-2A B10C5D7N3F4,87E10R8V5X16 (RPNA11) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0130 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 41/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.976	.00501	295.02705	-.12654	.10692	-.00967	.00173	.00159	-.00170	.00847	-.00011
4.600	-1.772	.00672	295.02705	-.08328	.09982	-.00937	.00141	.00107	-.00028	.00847	-.00011
4.600	-.942	.00899	295.02705	-.06832	.09706	-.01030	.00142	.00121	-.00174	.00865	.00007
4.600	.220	.00913	295.02705	-.04210	.09408	-.01169	.00111	.00120	-.00174	.00847	-.00011
4.600	1.223	.00928	295.02705	-.02687	.09239	-.00937	.00111	.00119	-.00177	.00847	-.00011
4.600	2.169	.00942	295.02705	-.00429	.09048	-.01012	.00111	.00119	-.00180	.00847	-.00011
4.600	4.287	.00973	295.02705	.03992	.08747	-.01035	.00098	.00117	-.00185	.00847	-.00011
4.600	6.249	.01385	295.02705	.08409	.08471	-.01222	.00081	.00080	-.00190	.00847	-.00011
4.600	8.426	.01403	295.02705	.13582	.08267	-.01229	.00066	.00078	-.00197	.00865	.00007
4.600	10.279	.01435	295.02705	.18376	.08163	-.01494	.00087	.00076	-.00203	.00890	-.00011
4.600	12.676	.01486	295.02705	.24901	.08092	-.01475	.00085	.00074	-.00216	.00908	.00007
4.600	16.688	.01589	295.02705	.37668	.08255	-.01215	.00085	.00069	-.00242	.00890	-.00011
4.600	20.831	.01705	295.02705	.51536	.08331	-.00689	.00103	.00063	-.00273	.00908	.00007
4.600	25.961	.01845	295.02705	.70225	.08499	-.00114	.00119	.00040	-.00169	.00908	.00007
4.600	30.993	.02021	295.02705	.89952	.08348	-.00064	.00123	.00045	-.00342	.00908	.00007
4.600	36.324	.02167	295.02705	1.11885	.08306	-.00043	.00218	.00001	-.00043	.00890	-.00011
4.600	41.384	.02696	295.02705	1.33076	.07651	-.00663	.00300	-.00050	-.00031	.00890	-.00011
4.600	43.516	.02743	295.02705	1.42596	.07082	-.01315	.00299	-.00071	.00128	.00871	-.00029
	GRADIENT	.00048	.00000	.02027	-.00234	-.00008	-.00009	-.00003	-.00008	-.00000	-.00000

OA44 UPWT 1035 CONF-2A B10C507N3F4W07E10R3V5X16 (RPNA12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 42/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.900	-4.565	-.05767	544.27801	-.16050	.13405	.00135	-.00247	.00516	-.00832	.02470	-.00007
2.900	-2.443	-.04962	544.76452	-.08930	.13333	-.00495	-.00245	.00483	-.01016	.02556	-.00007
2.900	-1.404	-.04930	544.22679	-.05473	.13233	-.00699	-.00245	.00475	-.00942	.02573	-.00007
2.900	-.351	-.04919	544.02195	-.02016	.13188	-.00993	-.00236	.00474	-.00946	.02595	-.00007
2.900	.721	-.04871	543.17695	.01445	.13086	-.01286	-.00218	.00482	-.01031	.02594	-.00007
2.900	1.700	-.04516	544.12437	.04502	.13009	-.01590	-.00193	.00445	-.00877	.02590	-.00007
2.900	3.625	-.04096	544.35482	.11152	.12773	-.02153	-.00201	.00423	-.00882	.02577	.00003
2.900	5.939	-.04376	544.02195	.19218	.12619	-.02797	-.00191	.00449	-.00967	.02622	.00003
2.900	8.168	-.03941	544.32922	.25469	.12469	-.03303	-.00215	.00426	-.00971	.02693	-.00007
2.900	10.209	-.03528	544.04755	.31938	.12273	-.03656	-.00206	.00397	-.00902	.02710	-.00007
2.900	12.535	-.03086	544.25240	.39112	.12095	-.03988	-.00240	.00374	-.00906	.02745	-.00007
2.900	16.546	-.02932	544.20119	.53775	.11701	-.04606	-.00170	.00361	-.00855	.02734	-.00007
2.900	20.812	-.03085	544.40604	.70191	.11322	-.04963	-.00134	.00374	-.00883	.02650	-.00017
2.900	26.145	-.02442	544.22679	.91895	.10695	-.05790	-.00105	.00345	-.00920	.02720	-.00027
2.900	31.568	-.00018	543.94513	1.15380	.09969	-.07056	-.00009	.00187	-.00649	.02755	-.00007
2.900	36.904	.01697	544.35482	1.39722	.09443	-.08731	.00010	.00062	-.00345	.02875	-.00036
2.900	42.348	-.00429	544.53406	1.64621	.08926	-.10603	-.00047	.00212	-.00648	.02960	-.00056
2.900	44.539	-.01013	543.81710	1.74538	.08715	-.11033	.00099	.00230	-.00522	.03003	-.00046
	GRADIENT	.00174	-.04664	.03243	-.00076	-.00271	.00007	-.00010	.00009	.00012	.00001

OA44 UPWT 1035 CONF-2A B19C90TH3F4W07E10R3V3X16 (RPHA12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 43/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.374	-.03417	376.08433	-.11782	.10897	-.02238	-.00249	.00488	-.00650	.01198	.00006
3.900	-2.202	-.03015	375.92394	-.07617	.10210	-.01948	-.00223	.00457	-.00661	.01226	.00034
3.900	-1.248	-.03002	375.99611	-.05552	.10020	-.02062	-.00223	.00457	-.00662	.01231	.00006
3.900	-.156	-.02999	376.07631	-.03170	.09887	-.01977	-.00211	.00444	-.00554	.01239	.00006
3.900	.853	-.02963	376.14046	-.01103	.09743	-.01962	-.00210	.00455	-.00670	.01231	.00006
3.900	1.801	-.02947	376.07631	.00963	.09690	-.02081	-.00197	.00455	-.00674	.01217	-.00009
3.900	3.852	-.02925	376.12442	.05626	.09475	-.02071	-.00198	.00441	-.00567	.01231	.00006
3.900	5.980	-.02887	376.01215	.10562	.09328	-.02374	-.00185	.00440	-.00574	.01231	.00006
3.900	8.187	-.02479	376.07631	.16377	.09178	-.02718	-.00171	.00410	-.00585	.01246	.00020
3.900	10.077	-.02098	376.02017	.21909	.09310	-.03019	-.00159	.00369	-.00479	.01253	.00020
3.900	12.658	-.01661	376.08433	.29649	.09143	-.03379	-.00132	.00338	-.00493	.01272	.00006
3.900	16.319	-.01204	376.09235	.42311	.09179	-.03681	-.00131	.00294	-.00400	.01272	.00006
3.900	20.581	-.01070	376.02819	.57286	.09249	-.04060	-.00117	.00288	-.00425	.01272	.00006
3.900	25.775	-.00513	376.02017	.77221	.09341	-.04112	-.00127	.00251	-.00459	.01264	.00006
3.900	31.048	-.00671	376.06829	.99947	.09357	-.04979	-.00162	.00268	-.00477	.01287	.00020
3.900	36.324	.00245	376.02819	1.23993	.09307	-.06130	-.00098	.00174	-.00248	.01291	-.00009
3.900	41.473	.00479	376.06027	1.48103	.08908	-.07447	-.00108	.00158	-.00235	.01291	-.00006
3.900	43.793	.00522	376.14046	1.58734	.08454	-.08704	-.00071	.00129	-.00004	.01269	-.00023
	GRADIENT	.00050	.01400	.02121	-.00145	.00012	.00006	-.00024	.00007	.00003	-.00002

OA44 UPWT 1033 CONF-2A B10C90TM3F4W07E10R3V9X16 (RPHA12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 44/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.975	-.02348	294.80129	-.10832	.10639	-.02389	-.00238	.00499	-.00693	.00800	.00026
4.600	-1.883	-.02341	294.80129	-.07036	.09922	-.02197	-.00223	.00484	-.00554	.00691	.00008
4.600	-.818	-.01985	294.80129	-.05145	.09677	-.02196	-.00206	.00448	-.00559	.00881	.00008
4.600	.208	-.01990	294.37206	-.02503	.09237	-.02174	-.00206	.00446	-.00565	.00691	.00008
4.600	1.349	-.01935	294.80129	-.00611	.09171	-.02172	-.00190	.00448	-.00567	.00691	.00008
4.600	2.140	-.01927	294.80129	.00897	.08926	-.02268	-.00174	.00446	-.00569	.00881	.00008
4.600	4.334	-.01891	294.80129	.05710	.08674	-.02200	-.00157	.00445	-.00579	.00881	.00008
4.600	6.341	-.01498	294.80129	.10137	.08481	-.02389	-.00140	.00408	-.00587	.00881	.00008
4.600	8.331	-.01483	294.37206	.14975	.08310	-.02494	-.00125	.00392	-.00451	.00910	.00026
4.600	10.315	-.01085	294.37206	.20523	.08227	-.02904	-.00108	.00355	-.00480	.00910	.00026
4.600	12.762	-.00691	294.80129	.27587	.08157	-.03116	-.00092	.00302	-.00328	.00934	.00008
4.600	16.727	-.00394	294.80129	.40513	.08373	-.03418	-.00075	.00297	-.00351	.00934	.00008
4.600	20.725	-.00482	294.80129	.54758	.06670	-.03295	-.00069	.00290	-.00376	.00934	.00008
4.600	25.875	.00017	294.80129	.74522	.08773	-.03746	-.00071	.00232	-.00266	.00934	.00008
4.600	31.090	-.00181	294.80129	.96034	.08824	-.04715	-.00084	.00272	-.00430	.00934	.00008
4.600	36.333	.00337	294.80129	1.19041	.09173	-.05897	-.00035	.00206	-.00265	.00934	.00008
4.600	41.425	.00823	294.80129	1.42059	.08619	-.07534	-.00003	.00126	.00049	.00934	.00008
4.600	43.720	.01257	294.80129	1.51502	.07977	-.08996	.00000	.00099	-.00376	.00905	-.00011
	GRADIENT	.00062	-.00011	.01992	-.00238	.00013	.00010	-.00007	.00010	-.00002	-.00002

OA44 UPWT 1035 CONF-2A B10C9D7HBF4X16 (RPNA13) (10 JUL 73)

REFERENCE DATA

SREF = 87.1360 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0302 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -14.250

RUN NO. 49/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.500	-4.404	.02617	543.84271	-.07650	.08626	-.03728	-.00138	-.00040	.00020	.02563	-.00037
2.500	-2.170	.03038	544.30361	-.05244	.08377	-.02752	-.00099	-.00060	.00006	.02537	-.00037
2.500	-1.281	.03062	544.48285	-.04368	.08289	-.02294	-.00107	-.00061	.00002	.02515	-.00037
2.500	-.201	.03090	544.45725	-.03673	.08124	-.01621	-.00114	-.00061	-.00003	.02509	-.00037
2.500	.873	.03478	544.81573	-.02589	.07994	-.01202	-.00129	-.00082	-.00006	.02474	-.00027
2.500	1.745	.03479	544.73891	-.01922	.07869	-.00792	-.00127	-.00090	.00069	.02455	-.00017
2.500	3.935	.03933	544.45725	-.00067	.07558	.00287	-.00097	-.00095	-.00101	.02419	-.00006
2.500	5.939	.03981	544.25240	.01788	.07389	.01096	-.00063	-.00103	-.00035	.02432	-.00017
2.500	8.153	.04406	544.17558	.04053	.07427	.02086	-.00025	-.00118	-.00129	.02563	-.00017
2.500	9.930	.04057	543.81710	.06115	.07372	.02937	-.00008	-.00114	.00018	.02728	-.00017
2.500	12.287	.04164	544.38043	.08899	.07024	.04148	-.00012	-.00100	-.00151	.02703	.00003
2.500	16.333	.03967	544.73891	.15543	.06567	.06284	.00048	-.00076	-.00260	.02710	.00003
2.500	20.478	.03742	544.22679	.22589	.06308	.08599	-.00012	-.00069	-.00201	.02723	-.00007
2.500	25.393	.03990	544.48285	.31595	.05870	.12389	-.00028	-.00068	-.00318	.02837	-.00007
2.500	30.767	.04220	544.20119	.41781	.05629	.15503	-.00046	-.00075	-.00354	.03031	-.00007
2.500	36.118	.04073	544.94376	.52582	.05278	.19013	-.00070	-.00079	-.00235	.03100	-.00007
2.500	41.109	.03945	544.84134	.63444	.04753	.21951	-.00091	-.00067	-.00270	.03084	-.00017
2.500	43.295	.03293	544.89255	.67959	.04437	.23029	-.00098	-.00039	-.00204	.03027	-.00017
	GRADIENT	.00152	.08467	.00895	-.00129	.00486	.00002	-.00007	-.00009	-.00018	.00006

OA44 UPWT 1085 CONF-SA B10C80TN3P4X10 (RPHA13) (10 JUL 73)

REFERENCE DATA

SREF = 67.1380 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0902 INCHES ZMRP = 6.0000 INCHES
SCALE = .0190 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -14.890

RUN NO. 46/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
3.900	-4.152	.01842	376.11640	-.06812	.06965	-.03971	-.00226	-.00024	.00264	.01235	.00020
3.900	-2.173	.01877	376.05225	-.04678	.06620	-.03043	-.00222	-.00025	.00253	.01255	.00020
3.900	-1.036	.01893	375.97205	-.04199	.06421	-.02524	-.00232	-.00026	.00252	.01240	.00006
3.900	-.098	.01908	375.97205	-.03244	.06264	-.02187	-.00242	-.00026	.00250	.01240	.00006
3.900	1.008	.01923	375.77959	-.02574	.06117	-.01797	-.00240	-.00027	.00247	.01199	.00006
3.900	1.917	.01941	376.06433	-.01626	.06240	-.01466	-.00236	-.00027	.00242	.01213	.00020
3.900	3.933	.01973	376.23669	-.00153	.05949	-.00577	-.00198	-.00028	.00230	.01199	.00006
3.900	6.191	.02005	376.18658	.01605	.05495	.00262	-.00156	-.00029	.00218	.01232	.00006
3.900	8.182	.02063	376.07631	.03666	.05410	.01159	-.00118	-.00018	.00091	.01224	.00006
3.900	10.049	.02443	376.16452	.05427	.05292	.01979	-.00089	-.00059	.00193	.01247	.00020
3.900	12.433	.02127	376.09235	.08239	.05108	.02930	-.00098	-.00032	.00184	.01259	-.00009
3.900	16.490	.02594	376.09235	.13952	.04951	.05212	-.00111	-.00064	.00159	.01266	.00006
3.900	20.475	.02711	376.02819	.20271	.04831	.07882	-.00123	-.00069	.00132	.01266	.00006
3.900	25.635	.02513	375.96007	.29077	.04710	.11598	-.00123	-.00047	.00092	.01266	.00006
3.900	30.529	.02677	376.02819	.38447	.04630	.14944	-.00124	-.00054	.00054	.01260	.00020
3.900	35.864	.02642	375.96809	.48776	.04519	.18789	-.00145	-.00073	.00126	.01299	.00006
3.900	41.219	.03041	376.02819	.60230	.04098	.21996	-.00163	-.00069	-.00025	.01266	.00006
3.900	43.044	.02737	376.11640	.64125	.03867	.23049	-.00170	-.00043	-.00038	.01266	.00006
	GRADIENT	.00016	.00744	.00818	-.00121	.00410	.00002	-.00000	-.00004	-.00008	-.00001

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

0A44 UPWT 1033 CONF-2A B10C30TV3F4X16 (RPHA131) (10 JUL 73)

REFERENCE DATA

SREF = 87.1360 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0302 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -14.250

RUN NO. 47/ 0 RNVL = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.770	.01869	295.09940	-.06351	.06696	-.03734	-.00271	-.00016	.00187	.00883	.00007
4.600	-1.740	.01894	294.67017	-.04669	.06278	-.02921	-.00282	-.00017	.00181	.00883	.00007
4.600	-.829	.01906	294.67017	-.03833	.06102	-.02582	-.00279	-.00018	.00177	.00883	.00007
4.600	.373	.01920	294.67017	-.02969	.05817	-.02080	-.00276	-.00018	.00173	.00884	-.00011
4.600	1.425	.01932	294.67017	-.02124	.05629	-.01743	-.00273	-.00019	.00170	.00884	-.00011
4.600	2.321	.01943	295.09940	-.01301	.05453	-.01399	-.00267	-.00019	.00166	.00883	.00007
4.600	4.372	.01971	294.67017	.00181	.05243	-.00526	-.00219	-.00020	.00153	.00854	-.00011
4.600	6.461	.01998	294.67017	.01663	.04969	.00353	-.00169	-.00020	.00140	.00884	-.00011
4.600	8.521	.02027	294.67017	.03525	.04828	.01155	-.00120	-.00021	.00127	.00883	.00007
4.600	10.487	.02080	294.67017	.05743	.04724	.02039	-.00081	-.00022	.00113	.00883	.00007
4.600	12.468	.02094	294.67017	.07841	.04708	.02887	-.00090	-.00023	.00104	.00883	.00007
4.600	16.641	.02180	294.67017	.13570	.04446	.05275	-.00109	-.00027	.00081	.00883	.00007
4.600	20.646	.02274	294.67017	.19701	.04413	.07903	-.00126	-.00032	.00054	.00891	.00026
4.600	25.652	.02407	294.67017	.28241	.04427	.11520	-.00125	-.00038	.00014	.00872	.00007
4.600	30.806	.02537	294.67017	.37462	.04191	.14429	-.00126	-.00044	-.00024	.00907	-.00011
4.600	36.103	.02316	294.67017	.47891	.04227	.18093	-.00152	-.00018	-.00060	.00907	-.00011
4.600	40.950	.02447	294.67017	.57650	.03931	.21212	-.00175	-.00022	-.00095	.00907	-.00011
4.600	45.306	.02535	294.67017	.62108	.03312	.21804	-.00187	-.00075	.00041	.00883	.00007
	GRADIENT	.00012	-.02018	.00805	-.00185	.00391	.00006	-.00030	-.00004	-.00003	-.00002

DA44 UPWT 1035 CONF-2A B10C50TH3F4,87E10R9V5X16 (RPHA14) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

ALPHA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 8/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
3.900	-4.092	-.18984	376.18036	-.02489	.09814	-.02331	.00146	-.00131	.06004	.01192	-.00009
3.900	-2.029	-.17039	375.89188	-.02661	.09828	-.02183	.00030	.00020	.02831	.01211	-.00023
3.900	-1.029	-.18356	375.97205	-.02454	.09797	-.02229	-.00015	.00067	.01240	.01177	-.00023
3.900	-.014	-.18438	376.18452	-.02531	.09793	-.02220	-.00075	.00120	-.00121	.01177	-.00023
3.900	1.007	-.19257	376.00413	-.02618	.09800	-.02212	-.00120	.00167	-.01711	.01177	-.00023
3.900	2.022	-.20075	375.91592	-.02703	.09872	-.02206	-.00179	.00231	-.03196	.01177	-.00023
3.900	4.055	-.18514	376.11640	-.02579	.10024	-.02248	-.00284	.00371	-.06248	.01192	-.00009
3.900	6.088	-.17161	376.07631	-.02475	.10145	-.02544	-.00374	.00494	-.09426	.01225	-.00009
	GRADIENT	-.00307	-.00413	-.00014	.00013	.00007	-.00053	.00099	-.01903	-.00002	.00000

RUN NO. 14/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
4.600	-4.094	.23103	294.06008	-.01791	.09170	-.02807	.00134	-.00062	.03222	.00863	-.00011
4.600	-1.998	.21419	294.06008	-.01952	.09011	-.02904	.00037	.00051	.02319	.00863	-.00011
4.600	-1.024	.20173	294.40931	-.01696	.09003	-.02644	-.00011	.00123	.00866	.00863	-.00011
4.600	-.010	.20236	294.40931	-.01722	.09065	-.02473	-.00076	.00148	-.00438	.00845	-.00030
4.600	1.003	.20806	294.06008	-.01801	.09017	-.02489	-.00109	.00222	-.01891	.00820	-.00011
4.600	1.998	.20646	294.06008	-.01875	.09101	-.02465	-.00159	.00246	-.03198	.00863	-.00011
4.600	4.067	.19539	294.40931	-.01651	.09299	-.02524	-.00255	.00307	-.05948	.00863	-.00011
4.600	6.077	.23020	294.40931	-.01830	.09407	-.02672	-.00333	.00413	-.09140	.00863	-.00011
	GRADIENT	-.00345	.03034	.00013	.00013	.00017	-.00048	.00046	-.01376	-.00001	.00000

OA44 UPWT 1033 CONF-2A B10C30?H3F4u07E10R5V5X16 (RPHA15) (10 JUL 73)

REFERENCE DATA

SREF =	97.1500 SQ.IN.	XMRP =	13.1468 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

ALPHA =	20.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.950

RUN NO. 9/ 0 RNVL = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.136	20.90223	375.84800	.57703	.09147	-.03939	.00509	.00360	.04404	.01258	-.00009
3.900	-2.098	20.91331	376.03621	.57781	.09174	-.03987	.00192	.00371	.01916	.01258	-.00009
3.900	-1.041	20.92296	376.06027	.57691	.09137	-.03983	.00058	.00232	.00690	.01258	-.00009
3.900	-.008	20.90102	375.86780	.57644	.09084	-.03980	-.00079	.00109	-.00322	.01256	-.00023
3.900	1.007	20.91057	376.01215	.57537	.09143	-.03979	-.00227	-.00014	-.01333	.01250	-.00009
3.900	2.040	20.48922	376.04423	.57451	.09182	-.03977	-.00362	-.00126	-.02458	.01256	-.00023
3.900	4.142	20.46004	376.10838	.57550	.09184	-.04025	-.00669	-.00309	-.04817	.01250	-.00009
3.900	6.202	20.47807	376.00413	.57386	.09254	-.04020	-.00938	-.00491	-.07298	.01258	-.00009
	GRADIENT	-.00345	.01409	-.00033	.00004	-.00007	-.00141	-.00109	-.01095	-.00002	-.00001

RUN NO. 15/ 0 RNVL = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.102	20.75312	294.06008	.55937	.08344	-.03604	.00420	.00619	.03508	.00883	-.00011
4.600	-2.040	20.75581	294.48931	.56037	.08415	-.03505	.00176	.00405	.01341	.00887	-.00030
4.600	-1.015	20.74470	294.48931	.56007	.08378	-.03501	.00062	.00291	.00333	.00906	-.00011
4.600	-.006	20.74407	294.48931	.55936	.08336	-.03499	-.00069	.00126	-.00529	.00887	-.00030
4.600	1.025	20.73574	294.48931	.56237	.08379	-.03570	-.00183	-.00023	-.01538	.00906	-.00011
4.600	2.027	20.74563	294.48931	.56167	.08417	-.03569	-.00299	-.00116	-.02400	.00887	-.00030
4.600	4.097	20.73247	294.06008	.56080	.08475	-.03734	-.00576	-.00344	-.04418	.00905	-.00011
4.600	6.139	20.73103	294.06008	.56112	.08519	-.03729	-.00852	-.00486	-.06573	.00905	-.00011
	GRADIENT	-.00261	.00931	-.00023	.00012	-.00017	-.00121	-.00121	-.00935	.00004	.00000

OA44 UPWT 1033 CONF-2A B10C5D7H3F4W07E10R5V5X16 (RPNA16) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

ALPHA =	30.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 10/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.142	31.02154	376.03621	1.00657	.09147	-.04928	.00677	.00639	.04188	.01250	-.00009
3.900	-2.055	31.01937	375.96404	1.00482	.09116	-.04923	.00306	.00331	.01953	.01236	-.00023
3.900	-1.022	31.00700	375.94800	1.00383	.09091	-.04919	.00112	.00230	.00725	.01250	-.00009
3.900	-.015	31.02091	375.97205	1.00550	.09091	-.04644	-.00148	.00165	-.00494	.01250	-.00009
3.900	.993	29.09112	375.94800	-1.03418	.10986	.34554	-.00934	.00109	-.01484	.01258	-.00009
3.900	2.037	31.02290	376.08829	1.00638	.09145	-.04770	-.00508	-.00079	-.02618	.01263	-.00038
3.900	4.141	31.03329	376.02017	1.00470	.09169	-.04641	-.00668	-.00443	-.04657	.01244	-.00023
3.900	6.219	31.03133	376.00413	1.00300	.09223	-.04640	-.01207	-.00802	-.06870	.01269	-.00038
	GRADIENT	-.04166	.00331	-.04578	.00048	.00918	-.00190	-.00122	-.01097	.00001	-.00002

RUN NO. 16/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.108	31.14561	294.48931	.97211	.08625	-.04393	.00629	.00710	.03403	.00906	-.00011
4.600	-2.041	31.14682	294.48931	.97403	.08582	-.04480	.00275	.00409	.01404	.00898	-.00030
4.600	-1.031	31.15876	294.48931	.97672	.08575	-.04694	.00098	.00256	.00406	.00898	-.00030
4.600	.013	31.13550	294.06008	.97724	.08556	-.04696	-.00079	.00160	-.00736	.00905	-.00011
4.600	1.020	31.13608	294.48931	.97512	.08588	-.04528	-.00242	.00030	-.01593	.00887	-.00030
4.600	2.030	31.11287	294.48931	.97429	.08597	-.04525	-.00419	-.00120	-.02593	.00887	-.00030
4.600	4.108	31.12260	294.06008	.97401	.08606	-.04530	-.00781	-.00436	-.04455	.00887	-.00030
4.600	6.183	31.09894	294.06008	.97239	.08659	-.04529	-.01101	-.00752	-.06313	.00905	-.00011
	GRADIENT	-.00423	-.04009	.00015	-.00001	-.00012	-.00169	.00136	-.00962	-.00003	-.00002

OA44 UPWT 1035 CONF-2A B1CC3D7M3F4W07E10R5V5X16 (RPNA17) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

ALPHA =	40.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	94.920

RUN NO. 11/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.150	41.57562	375.88384	1.49084	.08310	-.07416	.00702	.00973	.03088	.01222	-.00038
3.900	-2.064	41.57112	375.93998	1.48878	.08507	-.07673	.00317	.00467	.01424	.01236	-.00023
3.900	-1.039	41.56797	376.09235	1.49337	.08635	-.07403	.00132	.00259	.00418	.01236	-.00023
3.900	-.007	41.56815	376.08433	1.49252	.08703	-.07277	-.00092	.00123	-.00463	.01236	-.00023
3.900	1.027	41.55307	376.14848	1.49126	.08608	-.07527	-.00279	-.00011	-.01347	.01236	-.00023
3.900	2.062	41.55345	376.04423	1.49098	.08579	-.07403	-.00465	-.00326	-.02127	.01222	-.00038
3.900	4.173	41.56285	375.95602	1.48687	.08615	-.07095	-.00837	-.00792	-.03908	.01222	-.00038
3.900	6.262	41.56188	376 18056	1.48154	.08713	-.06655	-.01206	-.01235	-.03914	.01199	-.00052
	GRADIENT	-.00232	.01258	-.00031	.00012	.00039	-.00186	-.00205	-.00845	-.00001	-.00001

RUN NO. 17/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.127	41.53944	294.48931	1.43215	.08077	-.07163	.00640	.00979	.02612	.00845	-.00030
4.600	-2.045	41.54093	294.48931	1.43443	.08073	-.07237	.00330	.00492	.01041	.00845	-.00030
4.600	-1.009	41.55056	294.48931	1.43359	.08026	-.07400	.00167	.00241	.00331	.00853	-.00011
4.600	.020	41.55386	294.06008	1.43865	.08038	-.07320	-.00027	.00075	-.00521	.00863	-.00011
4.600	1.011	41.54160	294.06008	1.43789	.08167	-.07323	-.00191	-.00090	-.01377	.00844	-.00030
4.600	2.066	41.55247	294.48931	1.43500	.08109	-.07312	-.00352	-.00326	-.02232	.00863	-.00011
4.600	4.132	41.52796	294.48931	1.43349	.08161	-.07314	-.00710	-.00742	-.03793	.00835	-.00030
4.600	6.191	41.50222	294.48931	1.43824	.08176	-.07078	-.01066	-.01093	-.05644	.00845	-.00030
	GRADIENT	-.00073	-.00979	.00025	.00013	-.00016	-.00165	-.00205	-.00783	-.00000	.00000

ERROR THERE IS NO AERO DATASET NAMED RPNA18

OA44 UPWT 1035 CONF4 B19C7E23F9H4R9V7W107X16 (RPNA19) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 91/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.912	.03803	542.48560	-.19829	.13066	.00827	-.00018	-.00098	-.00028	.02406	-.00036
2.500	-2.782	.03518	543.20256	-.12872	.12856	.00368	.00001	-.00073	-.00115	.02486	.00002
2.500	-1.668	.03585	543.61225	-.09608	.12735	.00118	.00011	-.00066	-.00197	.02480	-.00008
2.500	-.661	.03558	543.33059	-.06340	.12610	-.00050	.00001	-.00082	-.00042	.02494	.00002
2.500	.433	.03263	543.68907	-.03075	.12446	-.00212	.00020	-.00048	-.00204	.02480	-.00008
2.500	1.440	.03236	543.84271	.00188	.12333	-.00469	.00009	-.00073	.00030	.02485	.00002
2.500	3.461	.03309	543.89392	.06238	.12011	-.00912	.00000	-.00067	-.00053	.02526	-.00008
2.500	5.817	.02997	543.30498	.13733	.11653	-.01452	.00014	-.00058	.00018	.02577	-.00008
2.500	7.881	.02673	544.12437	.20813	.11284	-.01848	.00029	-.00056	.00165	.02596	-.00008
2.500	9.873	.02749	544.58528	.27481	.10949	-.01768	.00035	-.00059	.00154	.02654	-.00008
2.500	12.142	.02074	543.99634	.35121	.10637	-.02000	.00065	-.00038	.00299	.02746	-.00017
2.500	16.236	.01820	544.53406	.49714	.10093	-.02700	.00074	-.00048	.00514	.02855	-.00017
2.500	20.534	.01222	544.38043	.66311	.09386	-.03279	.00101	-.00049	.00802	.02874	-.00027
2.500	25.726	-.00050	543.66347	.87098	.08379	-.04255	.00095	-.00022	.01090	.02904	-.00007
2.500	31.305	-.00545	543.45862	1.10621	.07022	-.05325	.00109	-.00031	.01355	.02785	-.00017
2.500	36.719	-.02441	543.48422	1.34661	.06143	-.06689	.00070	.00051	.01448	.02777	-.00037
2.500	41.879	-.01164	543.76589	1.58094	.05335	-.08376	.00193	-.00075	.02056	.02810	-.00027
2.500	44.256	-.02513	543.86831	1.68276	.04940	-.09274	.00182	-.00017	.02185	.02821	-.00027
	GRADIENT	-.00065	.15991	.03094	-.00128	-.00204	.00002	.00003	.00004	.00012	.00003

OA44 UPWT 1035 CONF4 B19C7E23F3H4R3V7W107X16 (RPNA19) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	0.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 52/ 0 RN/L = 2.50 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.475	.03011	376.00413	-.14611	.10397	-.02090	.00075	-.00071	-.00128	.01167	.00005
3.900	-2.359	.02689	376.25273	-.10431	.09984	-.01763	.00099	-.00056	-.00021	.01199	.00005
3.900	-1.351	.02686	375.94800	-.08367	.09793	-.01751	.00100	-.00056	-.00024	.01206	.00005
3.900	-.297	.02706	375.95602	-.06290	.09565	-.01607	.00087	-.00057	-.00026	.01206	.00005
3.900	.732	.02707	376.04423	-.04199	.09377	-.01466	.00099	-.00069	.00082	.01206	.00005
3.900	1.692	.02726	376.33293	-.01835	.09208	-.01509	.00099	-.00070	.00079	.01215	.00005
3.900	3.769	.02770	376.19560	.02828	.08915	-.01369	.00096	-.00072	.00071	.01214	.00005
3.900	5.848	.02449	376.40510	.07484	.08581	-.01226	.00081	-.00045	.00066	.01234	-.00009
3.900	7.992	.02118	375.81969	.13055	.08301	-.01129	.00089	-.00031	.00170	.01233	-.00009
3.900	9.974	.02143	376.38500	.18562	.08090	-.01288	.00099	-.00044	.00275	.01256	.00005
3.900	12.310	.01840	375.98007	.25457	.07913	-.01480	.00080	-.00019	.00269	.01267	-.00009
3.900	16.231	.01552	376.12442	.38116	.07598	-.01643	.00094	-.00018	.00475	.01267	-.00009
3.900	20.373	.01282	376.17254	.52452	.07243	-.01778	.00097	-.00020	.00679	.01267	-.00009
3.900	25.595	.00704	376.17254	.72080	.06869	-.02141	.00103	-.00010	.00874	.01248	.00005
3.900	30.883	.00122	376.33293	.93977	.06429	-.02951	.00095	-.00008	.01174	.01226	-.00009
3.900	36.110	-.00076	376.26877	1.17637	.06118	-.04089	.00140	-.00019	.01424	.01240	.00005
3.900	41.415	-.00975	375.87582	1.42551	.05491	-.05446	.00110	.00036	.01572	.01225	-.00009
3.900	43.574	-.00931	375.98809	1.52042	.05025	-.06499	.00144	.00011	.01762	.01184	-.00010
	GRADIENT	-.00020	.02357	.02110	-.00182	.00082	.00002	-.00001	.00025	.00005	-.00000

OA44 UPWT 1035 CONF4 B19C7E23F944R1V7W107X10 (RPNA19) (19 JUL 7[illegible])

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 53/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.004	.02303	294.08238	-.13004	.09801	-.02440	.00097	-.00005	-.00301	.00747	.00006
4.600	-1.965	.02330	294.08238	-.09206	.09330	-.02276	.00114	-.00006	-.00306	.00798	.00006
4.600	-.954	.02343	294.08238	-.07310	.09078	-.02276	.00130	-.00006	-.00312	.00819	.00006
4.600	.071	.02359	294.08238	-.05405	.08844	-.02113	.00130	-.00007	-.00316	.00839	.00006
4.600	1.103	.02356	294.08238	-.03130	.08604	-.02024	.00113	-.00022	-.00173	.00839	.00006
4.600	2.053	.02370	294.08238	-.01240	.084	-.02030	.00113	-.00023	-.00175	.00849	.00006
4.600	4.122	.02043	294.08238	.02851	.08078	-.01651	.00125	.00012	-.00184	.00863	-.00012
4.600	6.173	.02078	294.08238	.07680	.07669	-.01360	.00137	.00010	-.00193	.00863	-.00012
4.600	8.309	.02100	294.08238	.12883	.07386	-.01422	.00101	-.00007	-.00053	.00863	-.00012
4.600	10.291	.02137	294.08238	.17704	.07098	-.01356	.00129	-.00006	-.00064	.00882	.00006
4.600	12.595	.01800	294.08238	.23873	.06924	-.01424	.00120	.00011	.00074	.00902	.00006
4.600	16.478	.01513	294.08238	.36671	.06722	-.01479	.00108	.00027	.00200	.00902	.00006
4.600	20.583	.01235	293.65315	.50947	.06468	-.01676	.00112	.00041	.00324	.00883	-.00012
4.600	25.650	.00982	294.08238	.69930	.06266	-.01976	.00119	.00021	.00582	.00892	.00006
4.600	30.995	.00368	293.65315	.90608	.05912	-.02682	.00126	.00041	.00837	.00902	.00006
4.600	36.205	.00135	294.08238	1.13553	.05698	-.04111	.00167	.00045	.01026	.00902	.00006
4.600	41.381	-.00101	294.08238	1.36987	.05125	-.05728	.00192	.00048	.01221	.00873	-.00012
4.600	45.488	-.00067	294.08238	1.45781	.04643	-.06919	.00190	.00033	.01334	.00831	-.00012
	GRADIENT	-.00022	-.00000	.01961	-.00225	.00092	.00002	.00000	.00020	.00014	-.00002

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF4 B19C7E23F9H4R3V7W107X16 (RPNA20) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0130 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 54/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-5.050	.01839	544.68770	-.31228	.17225	.06670	-.00017	.00047	-.00384	.02391	-.00028
2.500	-2.868	.02139	544.76452	-.23489	.16534	.05944	-.00029	-.00022	.00086	.02455	-.00028
2.500	-1.835	.01877	544.94376	-.19835	.16270	.05619	.00000	.00029	-.00233	.02493	-.00018
2.500	-.750	.01947	544.32922	-.16965	.16531	.06055	.00018	.00035	-.00322	.02467	-.00048
2.500	.336	.01928	543.79150	-.13327	.16155	.05563	.00008	.00019	-.00164	.02506	-.00048
2.500	1.299	.01964	544.12437	-.09674	.15631	.05066	.00009	.00026	-.00242	.02521	-.00028
2.500	3.439	.01982	544.22679	-.02224	.14513	.04112	-.00001	.00017	-.00162	.02515	-.00018
2.500	5.554	.01982	543.79150	.04662	.13767	.03706	.00004	-.00009	.00069	.02545	-.00038
2.500	7.757	.02054	543.43301	.11764	.13224	.03518	.00011	-.00011	.00060	.02535	-.00018
2.500	9.773	.01755	543.35620	.18671	.13001	.03532	.00034	-.00002	.00126	.02678	-.00018
2.500	12.150	.01427	543.60347	.26703	.12559	.03401	.00045	-.00009	.00351	.02745	-.00008
2.500	16.205	.00918	544.14938	.41534	.11352	.02769	.00081	.00009	.00487	.02786	.00002
2.500	20.485	.00955	543.71468	.57373	.10427	.02532	.00092	-.00023	.00698	.02879	-.00018
2.500	25.819	-.00645	544.25240	.78228	.09178	.02231	.00121	.00031	.00898	.02963	.00002
2.500	31.176	-.01142	543.96831	.99214	.08097	.02284	.00150	.00023	.01160	.02930	-.00007
2.500	36.490	-.01066	543.74528	1.21121	.07037	.02063	.00120	.00108	.01330	.02923	-.00008
2.500	41.989	-.02529	544.17558	1.44548	.05937	.01609	.00241	-.00005	.02087	.02878	-.00008
2.500	44.088	-.03492	543.94513	1.52960	.05594	.01368	.00240	.00050	.02060	.02868	-.00018
	GRADIENT	-.00011	-.12263	.07533	-.00310	-.00282	.00003	.00003	-.00022	.00010	.00001

OA44 UPWT 1035 CONF4 B19C7E23F9H4R8VTW107x16 (RPHA20) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 55/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.531	.02736	376.28481	-.22326	.13572	.01909	.00075	-.00034	-.00268	.01146	.00005
3.900	-2.412	.02368	376.02819	-.17592	.12820	.01868	.00099	-.00018	-.00181	.01144	.00019
3.900	-1.410	.02019	375.98007	-.15230	.12411	.01809	.00110	-.00002	-.00049	.01160	.00019
3.900	-.344	.02400	375.86780	-.12579	.12110	.01712	.00099	-.00031	-.00051	.01168	.00019
3.900	.678	.02779	375.93196	-.10211	.11724	.01676	.00099	-.00059	-.00054	.01176	.00019
3.900	1.686	.02434	375.95602	-.07838	.11362	.01787	.00099	-.00032	-.00057	.01167	.00033
3.900	3.717	.01727	375.89186	-.02875	.10839	.01733	.00120	.000 1	.00051	.01179	.00005
3.900	5.791	.01748	375.87582	.02374	.10306	.01641	.00116	-.00002	.00159	.01193	.00019
3.900	7.973	.01796	375.86780	.08216	.09900	.01688	.00113	-.00004	.00150	.01227	.00019
3.900	9.950	.01825	375.77959	.13175	.09706	.01788	.00110	-.00017	.00256	.01235	.00019
3.900	12.263	.01901	375.82771	.19490	.09402	.01820	.00116	-.00003	.00360	.01251	.00019
3.900	16.216	.01231	375.80365	.32171	.08788	.01924	.00093	.00009	.00457	.01308	.00019
3.900	20.356	.00958	375.88384	.45950	.08172	.02038	.00120	.00007	.00658	.01294	.00005
3.900	25.598	.00388	375.88384	.64765	.07702	.02611	.00126	.00018	.00850	.01301	.00005
3.900	30.845	-.00555	375.93196	.85014	.07093	.02783	.00143	.00048	.01145	.01301	.00005
3.900	36.076	-.00745	375.90790	1.06998	.06661	.03007	.00175	.00037	.01392	.01275	.00019
3.900	41.373	-.01636	375.85176	1.29644	.05972	.03072	.00182	.00092	.01528	.01227	.00005
3.900	43.463	-.01944	375.92394	1.38550	.05568	.03078	.00204	.00093	.01716	.01167	.00019
	GRADIENT	-.00073	-.04102	.02364	-.00535	-.00029	.00004	.00002	.00034	.00004	.00001

OA44 UPWT 1035 CONF4 B19CTE2SFSH4RSVTW137X16 (RPNA20) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 58/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.115	.02338	294.29006	-.21406	.13419	.01535	.00143	-.00021	-.00189	.00811	.00024
4.600	-1.994	.02361	294.29006	-.16501	.12400	.01339	.00139	-.00022	-.00194	.00801	.00024
4.600	-.994	.02373	294.71929	-.13848	.11862	.01202	.00143	-.00022	-.00194	.00825	.00026
4.600	.063	.02022	294.29006	-.11596	.11414	.01141	.00175	.00013	-.00198	.00835	.00026
4.600	1.080	.02013	294.29006	-.08964	.11006	.00838	.00174	-.00002	-.00053	.00845	.00026
4.600	2.024	.01665	294.29006	-.07059	.10730	.01000	.00189	.00033	-.00057	.00821	.00024
4.600	4.096	.01695	294.29006	-.02244	.10057	.00919	.00202	.00032	-.00063	.00845	.00026
4.600	6.141	.02073	294.29006	.02958	.09440	.00924	.00198	-.00020	.00075	.00835	.00026
4.600	8.313	.02111	294.29006	.08150	.08930	.01090	.00162	-.00022	.00070	.00835	.00026
4.600	10.243	.01765	294.29006	.13348	.08582	.01086	.00173	-.00002	.00208	.00874	.00024
4.600	12.573	.01810	293.86083	.19166	.08203	.01262	.00150	-.00005	.00200	.00883	.00024
4.600	16.464	.01503	293.86083	.31617	.07792	.01449	.00136	-.00003	.00472	.00908	.00026
4.600	20.570	.01231	294.29006	.45428	.07398	.01817	.00155	.00011	.00590	.00926	.00024
4.600	25.754	.00979	293.86083	.63126	.07017	.02305	.00163	-.00008	.00847	.00908	.00026
4.600	30.956	.00376	294.29006	.82871	.06547	.02523	.00170	.00011	.01093	.00926	.00024
4.600	36.183	-.00212	293.86083	1.04284	.06318	.02633	.00226	.00051	.01279	.00883	.00024
4.600	41.327	-.00442	293.86083	1.25573	.05688	.02429	.00267	.00054	.01466	.00875	.00026
4.600	45.465	-.00330	293.86083	1.34414	.05242	.02215	.00312	.00039	.01565	.00822	.00026
	GRADIENT	-.00100	-.00993	.00338	-.00411	-.00082	.00008	.00008	.00021	.00005	-.00002

OA44 UPWT 1033 CONF4 B19CTE2BF9H4R8V7W107X16 (RPHA21) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.790	SPDBRK =	94.920

RUN NO. 57/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.500	-4.834	.02650	544.32922	-.14297	.13582	-.02602	-.00068	-.00056	.00154	.02572	-.00018
2.500	-2.692	.02713	545.27683	-.07372	.13474	-.03297	-.00104	-.00058	.00148	.02597	-.00018
2.500	-1.734	.02796	546.76177	-.04327	.13436	-.03591	-.00092	-.00055	-.00091	.02600	-.00018
2.500	-.850	.02769	545.43027	-.00681	.13360	-.03893	-.00103	-.00060	.00143	.02592	-.00018
2.500	.507	.02852	544.78452	.02353	.13235	-.04234	-.00101	-.00037	-.00095	.02557	-.00018
2.500	1.409	.02460	544.12437	.05423	.13196	-.04546	-.00051	-.00042	.00133	.02550	-.00018
2.500	3.550	.02682	544.20119	.12208	.13015	-.05316	-.00077	-.00071	.00210	.02560	-.00008
2.500	5.619	.02906	543.48422	.19047	.12853	-.05919	-.00079	-.00078	.00440	.02600	-.00018
2.500	7.902	.02240	544.09877	.27041	.12621	-.06160	-.00068	-.00053	.00353	.02623	-.00008
2.500	9.660	.02306	543.97074	.33660	.12365	-.07037	-.00050	-.00055	.00339	.02625	-.00018
2.500	12.256	.01938	544.30361	.42055	.12242	-.07800	-.00027	-.00078	.00703	.02709	-.00037
2.500	16.290	.01357	544.09877	.57682	.12118	-.09490	.00017	-.00047	.00731	.02858	-.00007
2.500	20.743	.01132	543.79150	.75897	.11787	-.11344	.00034	-.00056	.00922	.02814	-.00017
2.500	26.152	.00213	542.76728	.99297	.11484	-.13842	.00050	-.00046	.01291	.02870	-.00027
2.500	31.295	-.00311	543.61225	1.22658	.10990	-.16474	.00049	-.00052	.01576	.02797	-.00027
2.500	36.689	-.01102	545.32785	1.47282	.10600	-.19550	.00060	-.00022	.01819	.02874	-.00027
2.500	42.089	-.00541	545.89118	1.74536	.10642	-.23651	.00180	-.00132	.02269	.02993	-.00017
2.500	44.307	-.01142	544.63645	1.86482	.10473	-.25592	.00143	-.00111	.02343	.03031	-.00017
	GRADIENT	.00010	-.11045	.03144	-.00069	-.00300	.00303	-.00001	.00004	-.00004	.00001

OA44 UPWT 1035 CONF4 B19C7E8SF9H4R5VTW10TX10 (RPNA21) (10 JUL 73)

REFERENCE DATA

BREF =	67.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 58/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.516	.02972	375.86780	-.13549	.10667	-.03567	-.00026	-.00094	.00121	.01176	.00005
3.900	-2.287	.02992	375.76355	-.09096	.10278	-.03465	-.00014	-.00107	.00227	.01224	.00005
3.900	-1.358	.02991	375.49831	-.07023	.10113	-.03456	-.00015	-.00119	.00338	.01233	-.00010
3.900	-.304	.02643	375.86780	-.04660	.09943	-.03622	-.00015	-.00092	.00336	.01250	-.00010
3.900	.693	.02664	375.85978	-.02578	.09812	-.03482	-.00015	-.00093	.00332	.01250	-.00010
3.900	1.755	.02665	375.88384	-.00213	.09683	-.03526	-.00016	-.00105	.00442	.01250	-.00010
3.900	3.834	.02706	375.82771	.04656	.09510	-.03686	-.00003	-.00106	.00435	.01272	.00005
3.900	5.907	.02369	375.69940	.10122	.09308	-.03831	-.00003	-.00092	.00542	.01272	.00005
3.900	8.080	.02336	375.69134	.15964	.09158	-.04160	-.00004	-.00105	.00649	.01272	.00005
3.900	10.087	.02440	375.61119	.21893	.09075	-.04691	-.00003	-.00108	.00636	.01260	.00005
3.900	12.277	.02110	375.65930	.28779	.08999	-.05296	.00009	-.00089	.00718	.01313	.00005
3.900	16.275	.01813	375.54703	.42583	.09059	-.06641	.00009	-.00084	.00888	.01299	-.00010
3.900	20.322	.01547	375.53901	.58393	.09132	-.08380	.00022	-.00069	.00945	.01257	-.00010
3.900	25.666	.01287	375.46683	.80578	.09509	-.10560	.00045	-.00095	.01373	.01249	-.00010
3.900	30.798	.00708	375.53099	1.04892	.09852	-.13285	.00045	-.00073	.01578	.01249	-.00010
3.900	36.405	.00519	375.48287	1.30742	.10289	-.16132	.00070	-.00103	.01892	.01264	.00005
3.900	41.477	-.00410	376.22957	1.53986	.10455	-.19198	.00082	-.00076	.02190	.01250	-.00010
3.900	43.633	.00370	376.26877	1.66604	.10365	-.20754	.00119	-.00163	.02399	.01250	-.00010
	GRADIENT	-.00047	.00998	.02182	-.00141	-.00014	.00002	-.00000	.00039	.00010	-.00001

OA44 UPWT 1033 CONF4 B19C7E23F3M4R5V7W107X16 (RPNA21) (10 JUL 73)

REFERENCE DATA

SREF =	67.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	94.920

RUN NO. 98/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.098	.02216	295.07618	-.12278	.10129	-.03572	-.00021	-.00078	.00443	.00804	-.00012
4.600	-1.962	.02245	295.07618	-.08125	.09677	-.03480	-.00020	-.00080	.00437	.00842	.00006
4.600	-1.034	.01895	295.07618	-.08237	.09459	-.03483	-.00005	-.00044	.00434	.00865	-.00012
4.600	.067	.01912	295.07618	-.03988	.09238	-.03391	-.00004	-.00045	.00430	.00875	-.00012
4.600	1.080	.01924	295.07618	-.01722	.09034	-.03627	-.00004	-.00046	.00429	.00875	-.00012
4.600	2.097	.01923	294.64695	.00549	.08972	-.03548	-.00005	-.00081	.00570	.00874	-.00012
4.600	4.179	.01956	294.64695	.05248	.08669	-.03624	-.00020	-.00083	.00565	.00913	.00006
4.600	6.107	.01622	294.64695	.09590	.08358	-.03791	.00011	-.00028	.00558	.00895	-.00012
4.600	8.378	.01642	294.64695	.15400	.08162	-.04083	.00011	-.00044	.00698	.00893	.00006
4.600	10.114	.01673	295.07618	.20088	.07979	-.04331	-.00005	-.00048	.00687	.00895	-.00012
4.600	12.519	.01701	294.64695	.27372	.07961	-.04990	.00011	-.00059	.00790	.00923	.00006
4.600	16.477	.01404	294.64695	.41204	.08027	-.06307	.00012	-.00037	.00866	.00905	-.00012
4.600	20.636	.01463	295.78649	.57024	.08351	-.08019	.00027	-.00066	.01087	.00894	-.00012
4.600	25.777	.01198	294.21772	.78123	.08852	-.10067	.00027	-.00067	.01353	.00905	-.00012
4.600	30.948	.00396	294.64695	1.00886	.09233	-.12906	.00043	-.00021	.01473	.00905	-.00012
4.600	36.488	.00345	294.64695	1.26946	.09914	-.16226	.00090	-.00055	.01678	.00923	.00006
4.600	41.331	.00096	294.64695	1.49479	.10029	-.18882	.00121	-.00071	.02136	.00905	-.00012
4.600	43.535	.00134	294.64695	1.59273	.09904	-.20640	.00137	-.00095	.02275	.00923	.00006
	GRADIENT	-.00038	-.05932	.02122	-.00177	-.00011	.00001	.00002	.00017	.00012	.00001

OA44 UPWT 1033 CONF4 B19C7E23F8H4R8V7W107X16 (RPNA22) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 60/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.985	.02747	544.22679	-.18644	.13262	-.00349	-.00059	-.00016	-.00252	.02477	-.00018
2.500	-2.761	.02772	543.33059	-.11338	.13055	-.00924	-.00077	-.00034	-.00099	.02514	-.00008
2.500	-1.732	.02458	543.56831	-.08068	.12928	-.01087	-.00076	-.00008	-.00181	.02515	-.00008
2.500	-.661	.02446	544.07316	-.04808	.12794	-.01427	-.00068	-.00025	-.00027	.02487	-.00008
2.500	.423	.02512	543.76589	-.01556	.12625	-.01677	-.00058	-.00010	-.00188	.02467	.00002
2.500	1.365	.02521	544.20119	.01439	.12524	-.01892	-.00067	-.00019	-.00111	.02478	-.00008
2.500	3.495	.02198	544.32922	.08155	.12238	-.02541	-.00048	-.00009	-.00039	.02499	-.00008
2.500	5.586	.02238	544.25240	.14619	.11925	-.03103	-.00037	-.00019	.00033	.02515	.00002
2.500	7.617	.01893	544.35967	.22294	.11611	-.03555	-.00036	-.00025	.00261	.02574	-.00008
2.500	9.916	.01968	544.32922	.29570	.11213	-.03967	-.00009	-.00028	.00250	.02568	-.00008
2.500	12.232	.01673	544.20119	.37383	.11011	-.04417	.00010	-.00019	.00317	.02713	-.00018
2.500	16.267	.01031	544.38043	.52187	.10684	-.05804	.00034	-.00017	.00612	.02907	-.00018
2.500	20.495	.00903	544.55967	.68762	.10229	-.06402	.00084	-.00028	.00812	.02971	-.00027
2.500	25.816	-.00082	544.53406	.90989	.09495	-.08491	.00071	-.00009	.00980	.03042	-.00009
2.500	31.232	-.00966	544.43164	1.13918	.08307	-.10421	.00103	.00004	.01232	.02878	-.00047
2.500	36.646	-.02176	544.25240	1.39832	.07749	-.12678	.00081	.00038	.01516	.02828	-.00057
2.500	42.059	-.01224	544.68770	1.63309	.07191	-.15316	.00186	-.00066	.02007	.02941	-.00057
2.500	44.291	-.01967	543.97074	1.73206	.06941	-.16307	.00204	-.00056	.02227	.02940	-.00057
	GRADIENT	-.00060	.04475	.03150	-.00123	-.00255	.00002	.00001	.00019	-.00001	.00001

OA44 UPWT 1035 CONF4 B19CTE23F9H4R9V7W107X16 (RPNA22) (10 JUL 73)

REFERENCE DATA

BREF =	87.1380 SQ.IN.	XMRP =	12.9772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 61/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.470	.02295	376.03621	-.14377	.10516	-.02624	.00001	-.00004	-.00227	.01131	-.00010
3.900	-2.339	.02314	375.77157	-.09931	.10056	-.02521	.00013	-.00017	-.00121	.01210	-.00010
3.900	-1.343	.02333	375.97205	-.07845	.09848	-.02377	.00013	-.00017	-.00125	.01234	-.00010
3.900	-.305	.02351	375.77157	-.05775	.09663	-.02363	.00014	-.00018	-.00128	.01242	-.00010
3.900	.725	.02369	375.94800	-.03408	.09470	-.02403	.00014	-.00019	-.00131	.01242	-.00010
3.900	1.715	.02371	375.85176	-.01323	.09337	-.02265	.00015	-.00031	-.00021	.01256	.00004
3.900	3.766	.02046	375.85176	.03331	.09051	-.02379	.00016	-.00004	-.00027	.01264	.00004
3.900	5.830	.02073	375.79563	.08300	.08765	-.02296	.00019	-.00018	.00079	.01283	-.00010
3.900	8.002	.02104	375.81187	.14144	.08527	-.02383	.00035	-.00031	.00182	.01283	-.00010
3.900	9.982	.01784	375.96007	.19658	.08380	-.02671	.00038	-.00005	.00175	.01296	.00004
3.900	12.268	.01818	375.96007	.26240	.08189	-.03062	.00037	-.00018	.00281	.01298	.00004
3.900	16.225	.01543	375.81968	.39462	.08016	-.03852	.00050	-.00006	.00377	.01324	-.00010
3.900	20.370	.01267	375.97385	.54710	.07876	-.04799	.00074	-.00007	.00576	.01318	-.00010
3.900	25.567	.00661	375.82771	.74897	.07711	-.05858	.00079	-.00002	.00829	.01316	-.00010
3.900	30.865	-.00271	375.89968	.97857	.07598	-.07613	.00087	.00043	.00979	.01309	-.00010
3.900	36.163	-.00108	375.89188	1.22486	.07541	-.09659	.00130	-.00031	.01281	.01275	-.00010
3.900	41.410	-.01399	375.92384	1.47666	.07142	-.12056	.00134	.00066	.01592	.01234	-.00010
3.900	43.564	-.00981	375.85978	1.57759	.06937	-.13120	.00161	.00011	.01801	.01234	-.00010
	GRADIENT	-.00019	-.01416	.02145	-.00178	.00034	.00001	-.00001	.00023	.00015	.00002

OA44 UPWT 1035 CONF4 B10CTE23F3H4R3VTW10TX10 (RPNA22) (10 JUL 73)

REFERENCE DATA

BRS/ =	87.1500 SQ.IN.	XMRP =	12.9772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	11.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPOBRK =	54.920

RUN NO. 82/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAS
4.600	-4.071	.02292	293.64832	-.13462	.10066	-.03038	.00018	-.00005	-.00289	.00833	-.00013
4.600	-1.981	.02321	293.21909	-.09302	.09537	-.02947	.00019	-.00006	-.00293	.00851	.00006
4.600	-.987	.01971	293.64832	-.07395	.09261	-.02942	.00018	.00029	-.00296	.00872	.00006
4.600	.084	.01987	293.64832	-.05111	.08971	-.02848	.00034	.00029	-.00301	.00892	.00006
4.600	1.105	.01994	293.64832	-.03200	.08781	-.02687	.00033	.00013	-.00159	.00874	-.00013
4.600	2.060	.02002	293.64832	-.00921	.08625	-.02600	.00034	.00012	-.00163	.00874	-.00013
4.600	4.111	.02032	293.64832	.03151	.08265	-.02549	.00022	.00011	-.00168	.00874	-.00013
4.600	6.141	.01735	293.64832	.07611	.07917	-.02407	.00026	.00043	-.00175	.00882	.00006
4.600	8.305	.01724	293.64832	.13200	.07622	-.02494	.00048	.00029	-.00040	.00892	.00006
4.600	10.306	.01760	293.64832	.18389	.07407	-.02655	.00050	.00027	-.00048	.00935	.00006
4.600	12.362	.01784	293.64832	.24265	.07253	-.02868	.00049	.00011	.00089	.00935	.00006
4.600	16.473	.01494	293.64832	.37737	.07112	-.03343	.00065	.00027	.00213	.00927	-.00013
4.600	20.589	.01192	293.21909	.52759	.07129	-.04349	.00063	.00028	.00481	.00927	-.00013
4.600	25.747	.00931	293.21909	.72997	.07200	-.05612	.00071	.00016	.00670	.00927	-.00013
4.600	31.056	.00334	293.64832	.95150	.07114	-.07460	.00092	.00055	.00723	.00927	-.00013
4.600	36.228	.00079	293.64832	1.18768	.07220	-.09710	.00119	.00038	.01128	.00927	-.00013
4.600	41.429	-.00162	293.21909	1.42968	.06928	-.12032	.00158	.00036	.01398	.00884	-.00013
4.600	43.545	-.00131	293.64832	1.51471	.06590	-.13556	.00176	.00018	.01524	.00874	-.00013
	GRADIENT	-.00039	.01976	.02040	-.00222	.00068	.00001	.00002	.00021	.00005	-.00001

OA44 UPWT 1035 CONF4 B19C7E23F9H4R5V7W107X16 (RPNA23) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	54.920

RUN NO. 83/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.941	.02710	544.07316	-.19162	.13001	.00570	.00090	-.00039	-.00032	.02393	-.00028
2.900	-2.779	.02827	544.32922	-.12452	.12815	.00114	.00036	-.00017	-.00273	.02451	-.00028
2.900	-1.726	.02822	544.09677	-.08981	.12704	-.00090	.00061	-.00034	-.00122	.02479	-.00028
2.900	-.655	.02832	544.30361	-.05715	.12578	-.00343	.00078	-.00043	-.00018	.02479	-.00028
2.900	.407	.02878	544.61088	-.02472	.12407	-.00593	.00044	-.00036	-.00126	.02451	-.00028
2.900	1.422	.02868	544.02195	.00783	.12269	-.00846	.00044	-.00045	-.00051	.02454	-.00018
2.900	3.489	.02567	544.50846	.07246	.11968	-.01281	.00052	-.00035	.00021	.02460	-.00008
2.900	5.640	.02282	544.04755	.13909	.11573	-.01838	.00071	-.00010	-.00064	.02453	-.00038
2.900	7.836	.02283	544.35482	.21198	.11174	-.02182	.00077	-.00044	.00240	.02490	-.00018
2.900	9.868	.02008	544.38043	.28225	.10810	-.02490	-.00024	-.00020	.00186	.02555	-.00028
2.900	12.236	.01679	544.48285	.36190	.10518	-.02771	-.00017	-.00027	.00391	.02664	-.00028
2.900	16.248	.01078	544.22679	.50548	.10109	-.03722	.00026	-.00009	.00527	.02857	-.00028
2.900	20.498	.00488	544.12437	.66914	.09473	-.04542	.00059	.00000	.00737	.02933	-.00037
2.900	25.853	-.00046	544.96936	.88645	.08528	-.05827	.00067	-.00002	.01019	.02972	-.00027
2.900	31.270	-.00936	544.23240	1.12120	.07300	-.07257	.00100	.00006	.01363	.02818	-.00038
2.900	36.597	-.02112	545.02036	1.35632	.05425	-.08903	.00084	.00062	.01451	.02790	-.00067
2.900	42.011	-.01560	544.53406	1.60466	.05650	-.11123	.00178	-.00036	.02066	.02828	-.00057
2.900	44.219	-.01604	544.22679	1.70134	.05317	-.11993	.00178	-.00028	.02116	.02833	-.00057
	GRADIENT	-.00009	.03726	.03132	-.00125	-.00222	.00000	-.00001	.00015	.00006	.00002

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF4 B19C7E23P9M4R3V7W107X16 (RPNA23) (10 JUL 75)

REFERENCE DATA

BREF =	97.1560 SQ.IN.	XMRP =	12.3778 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	94.920

RUN NO. 64/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.481	.02284	376.09235	-.14631	.10327	-.02052	-.00012	-.00016	-.00115	.01122	-.00010
3.900	-2.365	.02302	376.06027	-.10180	.09852	-.01948	.00000	-.00029	-.00008	.01186	-.00010
3.900	-1.338	.02321	375.93196	-.08394	.09649	-.01749	.00000	-.00029	-.00012	.01209	-.00010
3.900	-.287	.02340	375.93998	-.06029	.09461	-.01790	.00000	-.00030	-.00015	.01203	-.00024
3.900	.725	.02339	375.85978	-.03949	.09292	-.01777	.00012	-.00042	.00094	.01203	-.00024
3.900	1.703	.02362	376.01215	-.01570	.09134	-.01565	.00000	-.00043	.00090	.01203	-.00024
3.900	3.758	.02036	375.99611	.02790	.08839	-.01623	.00000	-.00016	.00065	.01203	-.00024
3.900	5.814	.02062	376.03621	.07754	.08513	-.01538	-.00001	-.00030	.00191	.01244	-.00024
3.900	7.991	.01728	375.91592	.13306	.08204	-.01566	.00011	-.00015	.00296	.01244	-.00024
3.900	9.990	.01775	376.03621	.18543	.07995	-.01543	.00024	-.00016	.00296	.01259	-.00010
3.900	12.269	.01452	375.92394	.25372	.07731	-.01750	.00023	-.00002	.00391	.01278	-.00024
3.900	16.243	.01539	375.93998	.37606	.07473	-.02139	.00036	-.00018	.00486	.01292	-.00010
3.900	20.367	.01265	376.02819	.52444	.07168	-.02793	.00048	-.00010	.00692	.01278	-.00024
3.900	25.567	.00665	375.88384	.72396	.06898	-.03283	.00059	-.00005	.01001	.01292	-.00010
3.900	30.853	-.00267	375.97205	.95079	.06509	-.04708	.00071	.00049	.01188	.01270	-.00024
3.900	36.163	-.00465	375.96404	1.19152	.06221	-.06066	.00108	.00039	.01438	.01244	-.00024
3.900	41.446	-.01387	376.10036	1.44021	.05674	-.07835	.00095	.00081	.01698	.01229	-.00024
3.900	43.561	-.01519	376.01215	1.53545	.05353	-.08630	.00108	.00068	.01777	.01181	-.00039
	GRADIENT	-.00020	- 01305	.02116	-.00180	.00057	.00001	-.00001	.00026	.00008	-.00002

OA44 UPWT 1055 CONF4 B10CTE2SF9H4RSVTW107X16 (RPHA23) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5[illegible]2 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	84.920

RUN NO. 65/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
4.600	-4.070	.02280	294.61078	-.13756	.09010	-.02465	.00001	-.00020	-.00144	.00734	-.00031
4.600	-1.967	.02290	294.18155	-.09599	.09365	-.02374	.00016	-.00036	-.00006	.00774	-.00031
4.600	-.995	.02305	294.18155	-.07702	.09128	-.02213	.00000	-.00037	-.00006	.00833	-.00012
4.600	.071	.02321	294.18155	-.05422	.08843	-.02119	.00016	-.00037	-.00013	.00825	-.00031
4.600	1.114	.02334	293.75231	-.03537	.08621	-.02121	.00016	-.00038	-.00016	.0082[illegible]	-.00031
4.600	2.053	.02331	293.75231	-.01633	.08485	-.01964	.00017	-.00039	-.00020	.00835	-.00031
4.600	4.110	.02021	293.75231	.02451	.08113	-.01748	.00017	-.00004	-.00026	.00853	-.00012
4.600	6.153	.02039	293.7523[illegible]	.07297	.07708	-.01515	.00000	-.00021	.00113	.00837	-.00031
4.600	8.305	.02078	293.75231	.12502	.07408	-.01518	.00016	-.00022	.00103	.00833	-.00012
4.600	10.327	.01733	293.7523[illegible]	.17697	.07134	-.01526	.00015	-.00003	.00242	.00867	-.00031
4.600	12.375	.01760	293.75231	.23795	.06935	-.01615	.00015	-.00020	.00378	.00877	-.00031
4.600	16.481	.01465	293.75231	.36061	.06573	-.01953	.00014	-.00003	.00507	.00906	-.00012
4.600	20.569	.01190	293.7523[illegible]	.50563	.06455	-.02255	.00046	.00013	.00627	.00887	-.00031
4.600	25.765	.00829	293.7523[illegible]	.69995	.06376	-.03041	.00045	.00012	.00890	.00906	-.00012
4.600	30.993	.00318	293.75231	.91569	.06091	-.04063	.00060	.00048	.01140	.00906	-.00012
4.600	36.189	.00076	293.75231	1.14821	.05948	-.06015	.00092	.00052	.01336	.00887	-.00031
4.600	41.388	-.00545	293.75231	1.38450	.05387	-.08005	.00123	.00077	.01679	.00835	-.00031
4.600	43.510	-.00126	293.75231	1.47548	.04974	-.09260	.00140	.00040	.01642	.00835	-.00031
	GRADIENT	-.00021	-.11042	.01961	-.00221	.00086	.00002	.00001	.00010	.00014	.00001

OA44 UPWT 1055 CONF4 B19C7E29F9H4R5V7W10T16 (RPNA24) (10 JUL 73)

REFERENCE DATA

SREF =	97.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 66/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.999	.02472	544.40604	-.27036	.15119	.05488	-.00079	-.00015	-.00131	.02204	-.00026
2.500	-2.811	.02509	543.30498	-.19548	.14684	.04863	-.00070	-.00025	-.00057	.02321	-.00028
2.500	-1.777	.02169	542.61363	-.16309	.14451	.04518	-.00044	-.00006	-.00061	.02338	-.00026
2.500	-.722	.02195	542.53681	-.12644	.14174	.04178	-.00052	-.00007	-.00062	.02364	-.00026
2.500	.369	.02217	542.53681	-.09368	.13909	.03826	-.00061	-.00008	-.00062	.02354	-.00038
2.500	1.355	.02224	542.53681	-.05921	.13627	.03524	-.00070	-.00017	.00015	.02370	-.00026
2.500	3.471	.02275	542.53681	.00761	.13029	.02883	-.00034	-.00018	.00008	.02402	-.00018
2.500	5.583	.01951	543.35620	.07437	.12466	.02501	-.00052	-.00009	.00084	.02405	-.00018
2.500	7.795	.02025	543.68907	.14532	.11957	.02308	-.00025	-.00011	.00072	.02433	-.00008
2.500	9.899	.01321	543.68907	.21640	.11477	.02202	.00018	.00002	.00295	.02324	-.00008
2.500	12.189	.01393	543.40741	.29486	.11119	.02111	-.00001	-.00009	.00365	.02472	.00002
2.500	16.230	.00794	543.38180	.44156	.10528	.01499	.00025	.00009	.00501	.02783	-.00047
2.500	20.452	.00206	543.33059	.59607	.09769	.01340	.00049	.00018	.00711	.02950	-.00017
2.500	25.786	-.00330	543.35620	.80236	.08432	.00969	.00083	.00017	.00990	.02978	-.00017
2.500	31.169	-.01182	543.40741	1.01621	.06978	.00870	.00083	.00042	.01178	.02858	-.00018
2.500	36.548	-.03134	543.40741	1.24110	.05779	.00492	.00081	.00112	.01498	.02711	-.00028
2.500	41.968	-.02174	543.22817	1.47273	.04611	-.00095	.00174	.00011	.01950	.02654	-.00028
2.500	44.141	-.02794	543.20256	1.56352	.04254	-.00336	.00182	.00031	.02074	.02665	-.00028
	GRADIENT	-.00030	-.20611	.03277	-.00248	-.00311	.00004	.00000	.00016	.00021	.00001

OA44 UPWT 1035 CONF4 B19C7E23F9H4R9V7W107X16 (RPNA24) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 67/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.334	.03020	375.87582	-.19500	.11427	.00398	-.00001	-.00084	-.00018	.01141	-.00024
3.900	-2.436	.03058	375.87582	-.19044	.10825	.00391	.00012	-.00085	-.00026	.01180	-.00024
3.900	-1.386	.02713	375.78761	-.12683	.10607	.00330	.00012	-.00058	-.00028	.01184	-.00024
3.900	-.315	.02712	375.80365	-.10313	.10378	.00467	.00011	-.00070	.00004	.01192	-.00024
3.900	.634	.02365	375.69138	-.08244	.10170	.00462	.00011	-.00043	.00002	.01200	-.00024
3.900	1.635	.02748	375.73147	-.05870	.09938	.00528	.00012	-.00071	.00077	.01200	-.00024
3.900	3.837	.02408	375.89940	-.00619	.09498	.00433	.00011	-.00058	.00185	.01208	-.00024
3.900	5.834	.02449	375.73949	.04055	.09077	.00578	.00012	-.00058	.00178	.01227	-.00038
3.900	7.975	.02112	375.74751	.09315	.08695	.00609	.00023	-.00043	.00283	.01297	-.00024
3.900	9.956	.02142	375.69138	.14577	.08445	.00762	.00010	-.00057	.00390	.01227	-.00038
3.900	12.380	.01824	375.79583	.21474	.08191	.00827	.00022	-.00042	.00491	.01241	-.00024
3.900	16.219	.01912	375.88384	.33276	.07753	.00838	.00047	-.00058	.00583	.01274	-.00024
3.900	20.354	.01287	375.86788	.47398	.07375	.01277	.00046	-.00031	.00785	.01274	-.00024
3.900	25.581	.00711	375.85978	.68049	.06929	.01686	.00058	-.00006	.00978	.01274	-.00024
3.900	30.825	-.00225	375.73949	.87302	.06344	.01830	.00056	.00036	.01273	.01274	-.00024
3.900	36.241	-.00414	375.74751	1.09825	.05864	.01755	.00106	.00025	.01316	.01255	-.00009
3.900	41.318	-.01322	375.80365	1.31469	.05071	.01614	.00106	.00061	.01659	.01255	-.00009
3.900	43.479	-.01980	375.92394	1.40685	.04536	.01106	.00130	.00124	.01736	.01192	-.00024
	GRADIENT	-.00078	-.02483	.02248	-.00227	-.00001	.00001	.00004	.00026	.00008	.00000

OA44 UPWT 1039 CONF4 B19CTE23F9H4R3V7W107X16 (RPHA24) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 68/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.139	.01904	295.52832	-.17313	.10675	-.00154	-.00003	-.00015	.00133	.00765	-.00048
4.600	-1.937	.01933	295.52832	-.12789	.10228	-.00183	.00029	-.00015	.00125	.00795	-.00048
4.600	-1.103	.01944	295.09909	-.10929	.09907	-.00207	.00014	-.00016	.00125	.00825	-.00048
4.600	.058	.01959	295.52832	-.08285	.09598	-.00375	.00030	-.00017	.00120	.00846	-.00048
4.600	1.120	.01975	295.52832	-.06026	.09317	-.00310	.00014	-.00017	.00119	.00846	-.00048
4.600	2.037	.01986	295.52832	-.04517	.09068	-.00264	.00014	-.00018	.00117	.00864	-.00030
4.600	4.111	.02001	295.52832	.00294	.08577	-.00192	.00013	-.00034	.00255	.00874	-.00030
4.600	6.136	.01672	295.52832	.05097	.08112	-.00116	.00014	.00000	.00248	.00874	-.00030
4.600	8.353	.01714	295.52832	.10285	.07680	.00208	.00014	-.00002	.00239	.00874	-.00030
4.600	10.250	.01730	295.52832	.14721	.07446	.00342	.00013	-.00016	.00376	.00864	-.00030
4.600	12.555	.01778	295.52832	.20867	.07193	.00440	.00014	-.00020	.00365	.00874	-.00030
4.600	16.479	.01475	295.52832	.32558	.06811	.00771	.00218	-.00016	.00610	.00893	-.00012
4.600	20.584	.01199	295.52832	.46350	.06595	.00977	.00154	-.00001	.00738	.00927	-.00030
4.600	25.694	.00582	295.52832	.64049	.06349	.01500	.00074	.00033	.01004	.00909	-.00048
4.600	30.886	-.00006	295.52832	.83195	.05984	.01893	.00058	.00082	.01109	.00903	-.00012
4.600	36.134	-.00258	295.52832	1.04670	.05568	.01368	.00089	.00071	.01442	.00885	-.00030
4.600	41.474	-.00474	295.52832	1.27275	.04834	.00965	.00231	.00076	.01610	.00874	-.00030
4.600	43.485	-.00799	295.52832	1.34972	.04311	.00459	.00278	.00097	.01715	.00836	-.00048
	GRADIENT	.00012	.01086	.02128	-.00280	-.00010	.00001	-.00002	.00011	.00014	.00002

OA44 UPWT 1035 CONF4 821C7E23F9W4R9VTWJ07X16 (RPHA29) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 88/ 0 RN/L = 2.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.940	.02780	544.40604	-.19306	.12984	.01755	-.00081	-.00041	-.00028	.02434	-.00040
2.900	-2.736	.02725	543.66347	-.12514	.12801	.01284	-.00047	-.00063	.00358	.02498	.00002
2.900	-1.689	.02690	543.71468	-.09032	.12678	.01077	-.00051	-.00044	-.00039	.02532	.00002
2.900	-.615	.02679	543.38180	-.05741	.12537	.00907	-.00068	-.00045	-.00040	.02555	.00002
2.900	.471	.02691	543.81710	-.02428	.12375	.00736	-.00043	-.00054	.00032	.02556	.00002
2.900	1.412	.02514	543.74028	.00654	.12255	.00426	-.00053	-.00051	.00189	.02535	-.00006
2.900	3.519	.02191	543.66347	.07125	.11944	.00015	-.00053	-.00042	.00262	.02557	-.00006
2.900	5.647	.02256	543.76589	.13798	.11671	-.00348	-.00052	-.00044	.00254	.02615	-.00006
2.900	7.672	.01952	543.63786	.21106	.11295	-.00471	-.00052	-.00035	.00323	.02655	- 00006
2.900	9.692	.01648	543.97074	.27778	.11003	-.00576	-.00018	-.00026	.00368	.02713	-.00006
2.900	12.239	.01335	543.71468	.35618	.10709	-.00847	-.00010	-.00025	.00535	.02818	-.00007
2.900	16.267	.00740	543.81710	.50074	.10158	-.01333	.00024	-.00006	.00667	.02914	-.00017
2.900	20.513	-.00213	544.02195	.66105	.09545	-.01849	.00031	.00021	.00870	.02933	-.00027
2.900	25.980	-.00768	544.07316	.87890	.08609	-.02723	.00022	.00015	.01189	.02949	-.00017
2.900	31.267	-.01990	543.89392	1.10627	.07413	-.03991	.00075	.00063	.01355	.02784	-.00057
2.900	36.608	-.02181	544.32922	1.34266	.06702	-.05420	.00118	.00008	.01934	.02821	-.00037
2.900	42.027	-.05117	544.07316	1.58767	.06008	-.07480	.00064	.00178	.01832	.02865	-.00027
2.900	44.211	-.05419	544.53406	1.68299	.05740	-.08277	.00063	.00161	.02128	.02849	-.00027
	GRADIENT	-.00059	-.06239	.03131	-.00125	-.00203	.00001	.00001	.00020	.00013	.00003

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF4 B21CTE2SF9N4RSVTW107X16 (RPNA25) (10 JUL 73)

REFERENCE DATA

SREF =	97.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0900 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	84.920

RUN NO. TW/ 0 R/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.461	.02687	376.10036	-.14272	.10233	-.01213	-.00013	-.00036	-.00007	.01147	.00005
3.900	-2.356	.02345	375.82771	-.09719	.09855	-.00876	-.00013	-.00030	-.00015	.01179	.00005
3.900	-1.333	.02382	375.71544	-.07996	.09670	-.00870	.00000	-.00030	-.00019	.01221	-.00009
3.900	-.289	.02380	375.73147	-.05467	.09508	-.00966	-.00001	-.00042	.00091	.01237	-.00009
3.900	.744	.02383	375.71544	-.03035	.09321	-.00662	-.00001	-.00043	.00086	.01245	-.00009
3.900	1.741	.02399	375.71544	-.00919	.09142	-.00658	-.00013	-.00044	.00085	.01253	-.00009
3.900	3.795	.02058	375.69138	.03759	.08833	-.00484	-.00014	-.00029	.00191	.01253	-.00009
3.900	5.859	.01738	375.78761	.08722	.08550	-.00367	-.00013	-.00003	.00183	.01268	.00005
3.900	7.993	.01771	375.81969	.14000	.08313	-.00052	-.00001	-.00018	.00285	.01288	.00005
3.900	10.024	.01437	375.67534	.19837	.08141	-.00114	-.00015	-.00002	.00392	.01301	.00005
3.900	12.319	.01132	375.77157	.26147	.08004	-.00067	-.00002	.00024	.00380	.01287	-.00009
3.900	16.255	.01200	375.81969	.38518	.07695	-.00301	-.00002	-.00004	.00588	.01287	-.00009
3.900	20.397	.00926	375.79563	.52932	.07455	-.00537	.00009	-.00004	.00784	.01301	.00005
3.900	25.618	-.00042	375.70742	.73040	.07205	-.00919	.00020	.00044	.01034	.01293	.00005
3.900	30.689	-.00269	375.79563	.95350	.06892	-.01999	.00059	.00034	.01288	.01293	.00005
3.900	36.156	-.01183	375.75553	1.18842	.06662	-.02961	.00076	.00085	.01476	.01245	-.00009
3.900	41.431	-.02112	375.77959	1.43455	.06225	-.04524	.00060	.00124	.01761	.01237	-.00009
3.900	43.552	-.02764	375.85978	1.52708	.05768	-.05546	.00108	.00176	.01767	.01196	-.00010
	GRADIENT	-.00053	-.04317	.02178	-.00170	.00062	-.00000	.00002	.00025	.00014	-.00002

OA44 UPWT 1035 CONF4 B21C7EE3F9H4R8V7W107X16 (RPHASE) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	56.920

RUN NO. 71/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
4.600	-4.090	.02315	293.21940	-.13361	.08065	-.01731	.00033	-.00021	-.00153	.00797	-.00012
4.600	-1.948	.01962	293.21940	-.09056	.09340	-.01494	.00031	-.00001	-.00013	.00856	.00006
4.600	-.954	.01974	293.21940	-.07096	.09112	-.01907	.00031	-.00001	-.00016	.00858	-.00012
4.600	.097	.01989	293.21940	-.04751	.08863	-.01427	.00032	-.00002	-.00020	.00878	-.00012
4.600	1.142	.02004	293.21940	-.02779	.08618	-.01275	.00032	-.00003	-.00023	.00878	-.00012
4.600	2.071	.02022	293.21940	-.00804	.08484	-.00964	.00032	-.00004	-.00029	.00868	-.00012
4.600	4.127	.02034	293.21940	.03664	.08089	-.00779	.00033	-.00005	-.00037	.00868	-.00012
4.600	6.167	.02071	293.21940	.08150	.07725	-.00433	.00032	-.00022	.00100	.00868	-.00012
4.600	8.332	.01747	293.21940	.13747	.07409	-.00300	.00032	.00012	.00091	.00868	-.00012
4.600	10.314	.01769	293.21940	.18585	.07293	-.00205	.00031	-.00004	.00228	.00907	.00006
4.600	12.624	.01453	293.21940	.25163	.07205	-.00021	.00032	.00029	.00218	.00907	.00006
4.600	16.498	.01135	293.21940	.37240	.06967	-.00257	.00030	.00031	.00490	.00917	.00006
4.600	20.632	.00854	293.21940	.51167	.06802	-.00353	.00030	.00048	.00606	.00913	-.00030
4.600	25.763	.00587	293.21940	.70467	.06776	-.00934	.00030	.00054	.00792	.00907	.00006
4.600	30.984	.00331	293.21940	.91931	.06532	-.01933	.00079	.00099	.00962	.00907	.00006
4.600	36.234	-.00639	293.21940	1.14827	.06428	-.03108	.00100	.00128	.01239	.00868	-.00012
4.600	41.382	-.00887	293.21940	1.38066	.09989	-.04838	.00123	.00126	.01496	.00868	-.00012
4.600	43.497	-.00877	293.21940	1.48970	.05475	-.06231	.00136	.00094	.01775	.00878	-.00012
	GRADIENT	-.00021	.00000	.02076	-.00290	.00119	.00000	.00001	.00010	.00010	-.00001

OA44 UPWT 1039 CONF4 821CTE23F9H4R3VTW10T216 (RPHA26) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.00
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOERK =	54.920

RUN NO. 72/ 0 RNYL = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
2.900	-4.078	.01108	543.83996	-.29673	.18873	.07447	-.00037	.00061	-.00150	.02396	-.00038
2.900	-2.883	.01532	547.90434	-.22485	.16391	.06828	-.00061	.00047	-.00227	.02403	-.00018
2.900	-1.943	.01460	543.27938	-.19120	.16079	.06388	-.00030	.00008	.00180	.02421	-.00018
2.900	-.745	.01566	543.76589	-.15200	.15815	.06103	-.00001	.00039	-.00161	.02481	-.00028
2.900	.335	.01211	543.63786	-.11699	.15484	.05902	-.00001	.00049	-.00064	.02491	-.00028
2.900	1.325	.01230	544.20119	-.08409	.15106	.05557	-.00018	.00048	-.00083	.02486	-.00028
2.900	3.527	.01587	543.43301	-.00934	.14220	.04977	-.00045	.00003	.00152	.02481	-.00028
2.900	5.693	.01667	543.89392	.06148	.13584	.04548	-.00009	.00009	.00063	.02515	-.00028
2.900	7.826	.01651	543.61225	.13081	.13183	.04502	.00031	-.00033	.00441	.02548	-.00028
2.900	9.831	.01407	543.97074	.19755	.12959	.04657	.00018	.00000	.00275	.02626	-.00038
2.900	12.461	.01122	544.35482	.28569	.12339	.04465	.00042	.00008	.00339	.02671	-.00027
2.900	16.188	.00121	543.81710	.42061	.11387	.04016	.00075	.00038	.00555	.02762	-.00027
2.900	20.533	-.00137	544.40604	.58083	.10560	.03653	.00090	.00012	.00911	.02828	-.00047
2.900	25.848	-.01745	543.97074	.78955	.09423	.03628	.00115	.00081	.01069	.02928	-.00027
2.900	31.231	-.02934	544.36043	1.00451	.08433	.03593	.00151	.00136	.01153	.02941	-.00037
2.900	36.674	-.03449	544.32922	1.22985	.07519	.03071	.00196	.00117	.01574	.02935	-.00037
2.900	41.797	-.06099	544.17558	1.44764	.06712	.02700	.00138	.00236	.01781	.02870	-.00027
2.900	44.123	-.07065	544.32922	1.54192	.06460	.02469	.00122	.00281	.01844	.02880	-.00017
	GRADIENT	.00024	-.35428	.03398	-.00321	-.00292	.00002	-.00004	.00028	.00013	.00000

OA44 UPWT 1035 CONF4 B21CYE23F9H4R9V7W107X16 (RPHA28) (10 JUL 73)

REFERENCE DATA

BREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 73/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLN	CBL	CYN	CY	CAB	CAC
3.900	-4.431	.02736	375.98007	-.21974	.13253	.02756	.00086	-.00037	-.00046	.01137	-.00009
3.900	-2.271	.02413	375.96404	-.16797	.12548	.02667	.00222	-.00029	-.00067	.01140	-.00009
3.900	-1.393	.02047	376.03621	-.14659	.12269	.02674	.00293	-.00012	.00030	.01149	-.00009
3.900	-.318	.02090	376.04423	-.11915	.11932	.02900	.00369	-.00024	.00138	.01137	-.00009
3.900	.743	.02061	376.05225	-.09256	.11568	.02797	.00183	-.00026	.00158	.01164	-.00024
3.900	1.682	.02076	375.95602	-.06859	.11278	.02749	.00146	-.00027	.00158	.01163	-.00024
3.900	3.766	.02115	375.99611	-.02165	.10659	.02807	.00239	-.00028	.00139	.01206	-.00009
3.900	5.916	.02119	375.95602	.03373	.10251	.02815	.00195	-.00033	.00365	.01206	-.00009
3.900	8.027	.01784	375.87582	.09926	.09922	.02950	.00170	-.00039	.00473	.01223	-.00009
3.900	10.040	.01472	375.99186	.14184	.09725	.03256	.00170	-.00013	.00463	.01261	.00005
3.900	12.201	.01147	375.99186	.20312	.09531	.03304	.00188	.00001	.00567	.01271	-.00009
3.900	16.192	.00873	375.91992	.32316	.08994	.03574	.00189	.00013	.00660	.01312	-.00009
3.900	20.431	.00602	375.99186	.47023	.08389	.03531	.00181	.00014	.00854	.01304	-.00009
3.900	25.752	-.00352	375.91992	.66278	.08083	.04108	.00229	.00061	.01091	.01290	-.00024
3.900	30.788	-.00582	375.99186	.86632	.07655	.04098	.00230	.00091	.01349	.01285	.00005
3.900	36.283	-.01840	375.94800	1.09821	.07266	.04313	.00235	.00129	.01531	.01230	-.00009
3.900	41.329	-.03138	375.95602	1.31317	.06640	.04136	.00230	.00197	.01832	.01196	-.00009
3.900	43.534	-.03446	375.99186	1.40096	.06329	.04115	.00209	.00199	.02037	.01141	-.00024
	GRADIENT	-.00073	.00149	.02440	-.00318	-.00002	.00010	.00002	.00030	.00007	-.00001

OA44 UPWT 1885 CONF4 B21CTE83F8H4B3VTM107X16 (RPHA26) (10 JUL 73)

REFERENCE DATA

BREF =	87.1500 SQ.IN.	XMRP =	12.3772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 74/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.007	.01978	294.17201	-.20370	.13125	.02377	.00107	-.00019	.00092	.00620	-.00012
4.600	-1.933	.01985	294.17201	-.15521	.12304	.02474	.00154	-.00031	.00234	.00810	-.00030
4.600	-.944	.01992	294.60204	-.13184	.11764	.02233	.00170	-.00031	.00232	.00639	-.00012
4.600	.095	.02004	294.60204	-.10482	.11307	.02065	.00107	-.00032	.00228	.00631	-.00030
4.600	1.081	.01856	294.17201	-.08190	.10933	.02173	.00234	.00004	.00221	.00648	-.00012
4.600	2.041	.01848	294.60204	-.05825	.10577	.02007	.00105	-.00012	.00309	.00849	-.00012
4.600	4.060	.01676	294.17201	-.01013	.09987	.02047	.00106	-.00013	.00364	.00859	-.00012
4.600	6.156	.01708	294.17201	.03814	.09378	.02167	.00107	-.00015	.00356	.00849	-.00012
4.600	8.305	.01730	294.60204	.09394	.08975	.02498	.00170	-.00031	.00492	.00873	-.00030
4.600	10.288	.01401	294.17201	.14231	.08670	.02568	.00106	.00003	.00483	.00863	-.00030
4.600	12.356	.01431	294.17201	.20425	.08342	.02830	.00105	-.00014	.00617	.00911	-.00012
4.600	16.511	.00775	294.17201	.32479	.07872	.03093	.00105	.00038	.00742	.00922	-.00012
4.600	20.593	.00038	294.17201	.46014	.07603	.03233	.00104	.00004	.01001	.00922	-.00012
4.600	25.643	.00210	294.17201	.64499	.07425	.03620	.00024	.00044	.01202	.00932	-.00012
4.600	31.013	-.00042	294.17201	.83713	.07094	.03874	.00073	.00050	.01388	.00932	-.00012
4.600	36.270	-.01352	294.17201	1.05089	.06915	.03810	.00095	.00169	.01496	.00932	-.00012
4.600	41.309	-.01255	294.17201	1.25385	.06343	.03475	.00132	.00117	.01890	.00879	-.00012
4.600	43.451	-.01236	294.17201	1.33699	.05927	.02809	.00105	.00084	.02185	.00926	-.00012
	GRADIENT	-.00052	.01015	.02423	-.00398	-.00051	.00003	.00002	.00032	.00005	.00001

OA44 UPWT 1038 CONF4 [illegible] (PHASE7) (16 JUL 73)

REFERENCE DATA

XREF =	87.1560 BB.IN.	XMRP =	18.3772 INCHES		
YREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
ZREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.790	SPOBRK =	54.920

RUN NO. 75/ 0 RNYL = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.900	-4.008	.03506	543.98000	-.14718	.13515	-.02018	-.00126	-.00046	-.00310	.02564	-.00018
2.900	-2.698	.03510	543.98031	-.07687	.13436	-.02618	-.00101	-.00074	-.00091	.02576	-.00008
2.900	-1.698	.03103	543.97074	-.04405	.13391	-.02879	-.00118	-.00048	-.00171	.02604	-.00004
2.900	-.575	.03106	543.98982	-.00803	.13307	-.03180	-.00110	-.00064	-.00017	.02604	-.00004
2.900	.434	.03227	543.78150	.02172	.13216	-.03577	-.00101	-.00037	-.00099	.02578	-.00004
2.900	1.497	.03240	543.43062	.05470	.13143	-.03939	-.00049	-.00066	-.00029	.02589	-.00004
2.900	3.013	.02913	543.76990	.12123	.12998	-.04598	-.00067	-.00016	.00047	.02598	-.00008
2.900	5.765	.02847	543.98634	.19801	.12846	-.05168	-.00090	-.00074	.00195	.02645	-.00007
2.900	7.978	.02657	543.78150	.26089	.12650	-.05650	-.00032	-.00057	.00185	.02649	-.00027
2.900	10.007	.02347	543.90863	.34187	.12433	-.06144	-.00041	-.00049	.00257	.02637	-.00027
2.900	12.865	.02031	543.33090	.41987	.12311	-.06688	-.00033	-.00048	.00405	.02717	-.00027
2.900	16.515	.01410	543.48422	.50214	.12234	-.06332	.00009	-.00038	.00619	.02978	-.00027
2.900	20.592	.00812	543.84271	.74383	.12008	-.09084	.00034	-.00028	.00824	.03050	-.03027
2.900	26.072	.00020	543.66347	.98545	.11748	-.12551	.00042	-.00054	.01146	.02979	-.00037
2.900	31.171	-.00823	543.98031	1.21532	.11348	-.15116	.00052	-.00007	.01327	.02907	-.00017
2.900	36.032	-.00731	543.78150	1.49024	.11371	-.18579	.00113	-.00047	.01732	.02836	-.00027
2.900	42.021	-.04452	543.35620	1.75130	.11383	-.22667	.00017	.00152	.01748	.02931	-.00027
2.900	44.388	-.03703	543.98634	1.87996	.11243	-.24647	.00073	.00043	.02344	.03009	-.00027
	GRADIENT	-.00065	.05440	.03182	-.00064	-.00302	.00008	-.00001	.00038	.00001	.00001

OA44 UPWT 1095 CONF4 B21C7ER3F3W4R3VTW107X16 (RPHART) (10 JUL 73)

REFERENCE DATA

BREF =	87.1360 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
SREF =	14.0908 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	13.750	SPOBRK =	54.920

RUN NO. 76/ 0 RN/L = 2.90 GRADIENT INTERVAL = -9.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.481	.02598	376.22867	-.12372	.10333	-.02583	-.00028	-.00090	.00342	.01143	.00005
3.900	-2.330	.02256	375.77157	-.08021	.10207	-.02377	-.00017	-.00075	.00448	.01190	.00005
3.900	-1.419	.02271	375.68336	-.06196	.10058	-.02318	-.00017	-.00076	.00445	.01225	-.00009
3.900	-.290	.02271	375.59514	-.03777	.09937	-.02372	-.00030	-.00088	.00557	.01249	-.00009
3.900	.636	.02291	375.57911	-.01061	.09781	-.02480	-.00017	-.00089	.00552	.01249	-.00009
3.900	1.788	.01945	375.68336	.01342	.09676	-.02533	-.00030	-.00082	.00551	.01257	-.00009
3.900	3.602	.01986	375.68138	.06008	.09475	-.02491	-.00029	-.00083	.00543	.01257	-.00009
3.900	5.948	.02008	375.85176	.11542	.09286	-.02743	-.00017	-.00077	.00648	.01257	-.00009
3.900	8.122	.01674	375.93196	.17371	.09190	-.02927	-.00018	-.00082	.00754	.01257	-.00009
3.900	10.064	.01699	375.80365	.23477	.09200	-.03436	-.00018	-.00076	.00861	.01257	-.00009
3.900	12.330	.01388	375.99611	.30329	.09188	-.04016	-.00005	-.00090	.00851	.01271	.00005
3.900	16.319	.01086	375.89988	.43820	.09238	-.05253	-.00006	-.00049	.01064	.01257	-.00009
3.900	20.312	.00805	375.86780	.59906	.09451	-.06861	-.00006	-.00049	.01266	.01249	-.00009
3.900	25.527	.00180	376.02017	.81043	.09810	-.09147	.00005	-.00029	.01525	.01249	-.00009
3.900	31.007	-.00046	376.00413	1.05878	.10264	-.11901	.00044	-.00040	.01784	.01235	-.00023
3.900	36.289	-.00971	375.82771	1.31043	.10822	-.14762	.00037	.00011	.01985	.01230	.00005
3.900	41.495	-.01195	375.95602	1.56720	.11159	-.17847	.00078	-.00018	.02401	.01235	-.00023
3.900	43.642	-.02267	375.94800	1.67137	.11041	-.19871	.00127	.00029	.02730	.01249	-.00009
	GRADIENT	-.00070	-.05616	.02250	-.00128	-.00003	-.00001	.00003	.00026	.00014	-.00002

OA44 UPWT 1038 CONF4 821C7Z23FBN4R8VTWA07X16 (RPNA87) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	13.750	SPOBRK =	54.920

RUN NO. 77/ 0 RN/L = 2.,0 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-3.939	.01880	294.41244	-.11859	.10107	-.02670	-.00004	-.00029	.00292	.00802	-.00011
4.600	-1.611	.01901	294.41244	-.07550	.09562	-.02438	-.00005	-.00045	.00430	.00833	-.00011
4.600	-1.039	.01909	294.41244	-.05998	.09421	-.02548	-.00005	-.00045	.00429	.00835	-.00030
4.600	.080	.01930	294.41244	-.03273	.09272	-.02380	-.00004	-.00046	.00423	.00873	-.00011
4.600	1.139	.01942	294.41244	-.01319	.09020	-.02391	-.00004	-.00047	.00421	.00884	-.00011
4.600	2.115	.01937	294.41244	.01005	.08881	-.02479	-.00005	-.00062	.00583	.00859	.00007
4.600	4.142	.01971	293.98321	.05838	.08993	-.02374	-.00004	-.00064	.00555	.00893	-.00011
4.600	6.192	.01640	293.98321	.10856	.08405	-.02431	-.00004	-.00030	.00549	.00893	-.00011
4.600	8.336	.01654	294.41244	.16190	.08202	-.02790	-.00005	-.00048	.00687	.00894	-.00011
4.600	10.313	.01691	294.41244	.21736	.08165	-.03003	-.00004	-.00048	.00679	.00894	-.00011
4.600	12.611	.01353	293.98321	.28673	.08247	-.03554	.00011	-.00029	.00816	.00893	-.00011
4.600	16.496	.01411	294.41244	.41713	.08307	-.04825	-.00005	-.00048	.00947	.00894	-.00011
4.600	20.571	.00758	294.41244	.57014	.08637	-.06366	-.00007	-.00010	.01215	.00894	-.00011
4.600	25.801	.00485	294.41244	.78376	.09210	-.08696	.00009	-.00004	.01405	.00894	-.00011
4.600	31.037	.00199	293.98321	1.01655	.09696	-.11558	.00043	.00001	.01606	.00875	-.00030
4.600	36.195	-.00420	294.41244	1.25712	.10325	-.14653	.00049	.00034	.01670	.00894	-.00011
4.600	41.400	-.00688	294.41244	1.50292	.10662	-.17828	.00086	.00017	.02274	.00870	.00007
4.600	43.390	-.00658	293.98321	1.60430	.10802	-.19958	.00121	-.00001	.02413	.00879	.00007
	GRADIENT	.00010	-.04061	.02186	-.00185	.00030	.00000	-.00004	.00031	.00011	.00001

OA44 UPWT 1039 CONF4 B21C7E23F8W4R5V7W10TX16 (RPHA28) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	34.920

RUN NO. 78/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.500	-4.981	.02537	543.43301	-.26419	.15001	.06289	-.00061	-.00008	-.00216	.02218	-.00038
2.500	-2.778	.02572	542.43439	-.19253	.14641	.05737	-.00087	-.00018	-.00139	.02322	-.00028
2.500	-1.759	.02556	542.38317	-.15951	.14409	.05392	-.00079	-.00035	.00016	.02340	-.00038
2.500	-.687	.02584	542.38317	-.12241	.14120	.05148	-.00087	-.00036	.00014	.02363	-.00038
2.500	.404	.02262	542.71605	-.08941	.13863	.04802	-.00078	-.00009	-.00067	.02403	-.00028
2.500	1.349	.02287	543.63786	-.05635	.13579	.04539	-.00069	-.00010	-.00070	.02406	-.00038
2.500	3.494	.02318	544.99497	.01425	.12992	.03833	-.00086	-.00020	.00007	.02445	-.00018
2.500	5.603	.02304	545.83998	.07893	.12479	.03510	-.00053	-.00053	.00310	.02456	-.00028
2.500	7.806	.02013	545.17421	.14980	.12028	.03346	-.00044	-.00036	.00301	.02449	-.00028
2.500	9.868	.01365	545.22542	.21854	.11576	.03385	-.00027	.00000	.00290	.02391	-.00018
2.500	12.236	.01075	544.91815	.29688	.11168	.03385	-.00018	.00009	.00356	.02426	-.00029
2.500	16.230	.00762	545.22542	.43510	.10617	.03013	.00013	-.00024	.00603	.02808	-.00057
2.500	20.465	-.00160	544.50846	.58604	.09890	.02876	.00030	.00021	.00849	.02922	-.00027
2.500	25.828	-.00709	544.32922	.79849	.08741	.02656	.00055	.00015	.01161	.02938	-.00017
2.500	31.182	-.01916	544.22679	1.01186	.07479	.02408	.00074	.00070	.01251	.02774	-.00027
2.500	36.546	-.02451	544.58526	1.23867	.06400	.01761	.00135	.00044	.01747	.02738	-.00017
2.500	41.933	-.05764	544.04755	1.46868	.05424	.00993	.00011	.00233	.01656	.02667	-.00037
2.500	44.105	-.05706	544.73891	1.55791	.05107	.00747	.00070	.00189	.02016	.02655	-.00027
	GRADIENT	-.00039	.19959	.03286	-.00241	-.00287	-.00001	-.00000	.00021	.00026	.00002

OA44 UPWT 1035 CONF4 821C7E23F3N4R3V7V107X10 (RPNA28) (10 JUL 73)

REFERENCE DATA

SREF =	67.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 79/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.494	.02343	375.94800	-.17935	.11342	.01141	.00123	-.00028	-.00036	.01139	-.00008
3.900	-2.364	.02378	376.01215	-.13382	.10809	.01229	.00136	-.00029	-.00044	.01155	-.00009
3.900	-1.342	.02378	376.10838	-.11534	.10635	.01415	.00147	-.00041	.00064	.01179	-.00009
3.900	-.305	.02398	376.18056	-.08821	.10395	.01438	.00135	-.00042	.00062	.01185	-.00024
3.900	.718	.02398	376.21264	-.06404	.10173	.01387	.00134	-.00054	.00172	.01179	-.00009
3.900	1.707	.02415	376.44520	-.04274	.09959	.01519	.00135	-.00055	.00168	.01180	-.00009
3.900	3.751	.02089	376.44520	.00382	.09488	.01571	.00135	-.00028	.00182	.01198	-.00024
3.900	5.835	.02113	376.49331	.05637	.09066	.01636	.00147	-.00041	.00266	.01199	-.00024
3.900	8.002	.01794	376.32491	.10871	.08759	.01827	.00060	-.00016	.00268	.01196	-.00024
3.900	9.985	.01463	376.15650	.16139	.08543	.02134	.00059	-.00002	.00372	.01198	-.00024
3.900	12.307	.01137	376.02619	.22449	.08371	.02183	.00034	.00012	.00478	.01239	-.00024
3.900	16.235	.00847	375.86780	.34565	.07943	.02393	.00033	.00012	.00685	.01239	-.00024
3.900	20.381	.00590	375.73949	.48120	.07644	.02457	.00058	.00024	.00766	.01246	-.00009
3.900	25.563	-.00371	375.84374	.66765	.07344	.03123	.00057	.00072	.01012	.01231	-.00024
3.900	30.852	-.00592	375.84374	.87996	.06879	.03039	.00094	.00062	.01262	.01212	-.00009
3.900	36.098	-.01871	375.88384	1.09748	.06532	.03056	.00087	.00141	.01452	.01196	-.00024
3.900	41.378	-.02099	375.88384	1.32702	.05907	.02856	.00139	.00101	.01969	.01149	-.00024
3.900	43.499	-.02403	375.90790	1.41711	.05386	.02146	.00178	.00115	.02064	.01093	-.00038
	GRADIENT	-.00021	.06839	.02237	-.00222	.00053	.00001	-.00002	.00031	.00007	-.00001

OA44 UPWT 1035 CONF4 B21C7E23F5H4R5V7W107X16 (RPNA28) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO 60/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.086	.02322	29 85661	-.18606	.10950	.00355	.00062	-.00038	-.00024	.00733	-.00012
4.600	-1.962	.01909	293.42738	-.12309	.10302	.00595	.00061	-.00018	.00116	.00765	-.00012
4.600	-.968	.01983	292.99815	-.10352	.10007	.00747	.00077	-.00016	.00111	.00774	-.00030
4.600	.086	.01995	292.99815	-.07644	.09669	.00594	.00062	-.00017	.00110	.00803	-.00012
4.600	1.092	.01990	293.42738	-.05662	.09384	.00745	.00045	-.00033	.00254	.00828	-.00030
4.600	2.054	.02005	293.42738	-.03323	.09088	.00825	.00045	-.00034	.00251	.00828	-.00030
4.600	4.109	.02036	293.42738	.01145	.08588	.01014	.00045	-.00035	.00243	.00809	-.00049
4.600	6.176	.02069	293.42738	.05984	.08122	.01129	.00046	-.00037	.00235	.00828	-.00030
4.600	8.356	.01723	292.99815	.11214	.07811	.01173	.00045	-.00017	.00374	.00846	-.00012
4.600	10.286	.01763	292.99815	.16075	.07595	.01599	.00045	-.00019	.00363	.00827	-.00030
4.600	12.602	.01430	292.99815	.22290	.07381	.01859	.00044	-.00001	.00498	.00846	-.00012
4.600	16.471	.01133	292.99815	.33267	.07112	.02168	.00044	.00016	.00624	.00846	-.00012
4.600	20.583	.00836	292.99815	.46862	.06960	.02469	.00042	.00018	.00884	.00880	-.00030
4.600	25.710	.00210	293 42738	.64997	.06814	.02759	.00026	.00060	.01069	.00871	-.00030
4.600	30.954	-.00042	293.42738	.84626	.06450	.02781	.00106	.00066	.01250	.00881	-.00030
4.600	37.329	-.00977	293.42738	1.10316	.06155	.02543	.00114	.00133	.01497	.00828	-.00030
4.600	41.324	-.01271	292.99815	1.27321	.05684	.02242	.00148	.00118	.01903	.00809	-.00049
4.600	43.403	-.01223	293.42738	1.35274	.05195	.01318	.00168	.00115	.01890	.00785	-.00030
	GRADIENT	-.00025	-.03088	.02189	-.00294	.00072	-.00003	-.00001	.00035	.00011	-.00004

OA44 UPWT 1035 CONF4 821C7E23F8W4RSVTW107X16 (RPNA29) (10 JUL 73)

REFERENCE DATA

SREF = 87.1560 SQ.IN. XMRP = 12.5772 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0502 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
BDFLAP = 13.750 SPDBRK = 54.920

RUN NO. 83/ 0 RNVL = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
2.900	-4.888	.02787	545.04618	-.17520	.13120	.00697	-.00090	-.00017	-.00260	.02485	-.00018
2.900	-2.743	.02438	542.53681	-.11077	.12967	.00073	-.00069	-.00016	-.00108	.02507	.00012
2.900	-1.708	.02474	542.10151	-.07394	.12880	-.00098	-.00034	-.00018	-.00114	.02486	-.00008
2.900	-.596	.02501	542.36317	-.03926	.12756	-.00493	-.00025	-.00017	-.00117	.02477	-.00018
2.900	.407	.02543	544.27801	-.00880	.12578	-.00807	-.00058	-.00011	-.00194	.02453	-.00018
2.900	1.414	.02552	544.43164	.02378	.12436	-.01074	-.00058	-.00019	-.00118	.02457	-.00008
2.900	3.556	.02581	544.68770	.09223	.12164	-.01763	-.00058	-.00029	-.00043	.02437	-.00018
2.900	5.681	.02274	544.81573	.16086	.11928	-.02277	-.00032	-.00020	.00024	.02494	-.00018
2.900	7.880	.01948	544.17558	.23191	.11643	-.02567	-.00033	-.00019	.00173	.02568	-.00018
2.900	9.920	.01676	544.40604	.30047	.11334	-.02899	-.00018	.00006	.00084	.02563	-.00018
2.900	12.268	.01708	544.58528	.38098	.11047	-.03285	-.00012	-.00020	.00308	.02628	-.00027
2.900	16.314	.01067	544.66209	.52985	.10790	-.04455	.00022	-.00018	.00601	.02837	-.00017
2.900	20.500	.00130	544.46285	.69457	.10455	-.05480	.00033	.00017	.00735	.02912	-.00027
2.900	25.841	-.00412	544.94376	.91613	.09815	-.07196	.00026	.00015	.01019	.02993	-.00027
2.900	31.298	-.01272	544.81573	1.15429	.09826	-.09131	.00066	.00041	.01202	.02602	-.00047
2.900	36.631	-.01796	545.12300	1.39697	.08354	-.11397	.00150	.00026	.01590	.02628	-.00067
2.900	42.065	-.03158	544.79012	1.65047	.07881	-.14127	.00069	.00194	.01697	.02693	-.00047
2.900	44.219	-.04705	544.35482	1.74493	.07739	-.14945	.00141	.00148	.01869	.02911	-.00057
	GRADIENT	-.00011	.09938	.03176	-.00117	-.00291	-.00001	-.00001	.00017	-.00006	-.00001

OA44 UPWT 1038 CONF4 B21CYEB3F9H4R5VTW107X16 (RPNA29) (10 JUL 73)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	34.920

RUN NO. 81/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
3.900	-4.454	.02281	376.48529	-.13703	.10290	-.01581	-.00063	-.00028	.00001	.01102	-.00009
3.900	-2.339	.01937	376.41312	-.09541	.09699	-.01339	-.00039	-.00013	.00105	.01126	-.00009
3.900	-1.345	.01954	375.97205	-.07481	.09731	-.01347	-.00039	-.00014	.00102	.01179	.00005
3.900	-.279	.01958	375.76355	-.05099	.09538	-.01157	-.00040	-.00026	.00212	.01187	.00005
3.900	.731	.01976	375.68336	-.02735	.09381	-.01221	-.00039	-.00027	.00208	.01173	-.00009
3.900	1.699	.01989	375.61118	-.00675	.09215	-.01356	-.00052	-.00028	.00208	.01214	-.00009
3.900	3.793	.01671	375.57911	.04006	.08946	-.01088	-.00051	-.00001	.00200	.01200	-.00024
3.900	5.866	.01694	375.58713	.08970	.08709	-.01134	-.00039	-.00014	.00304	.01200	-.00024
3.900	8.018	.01378	375.62722	.14515	.08544	-.01165	-.00039	.00012	.00296	.01214	-.00009
3.900	9.985	.01408	375.64328	.20359	.08433	-.01257	-.00040	-.00002	.00401	.01228	.00005
3.900	12.325	.01078	375.72345	.27004	.08333	-.01634	-.00046	.00012	.00507	.01247	-.00009
3.900	16.231	.00778	375.81167	.39757	.08135	-.02282	-.00045	.00013	.00717	.01247	-.00009
3.900	20.393	.00517	375.77959	.54804	.08072	-.03119	-.00041	.00024	.00810	.01262	.00005
3.900	25.621	-.00118	375.83573	.75271	.08107	-.04360	-.00050	.00026	.01238	.01247	-.00009
3.900	30.871	-.00350	375.88384	.98042	.07991	-.06168	.00002	.00012	.01532	.01225	-.00024
3.900	36.123	-.01640	375.89988	1.22163	.08072	-.08112	.00033	.00097	.01675	.01206	-.00009
3.900	41.422	-.01864	375.94800	1.47727	.07809	-.10580	.00114	.00074	.02034	.01192	-.00024
3.900	43.575	-.01776	375.87582	1.57972	.07696	-.11644	.00158	.00072	.01994	.01151	-.00024
	GRADIENT	-.00054	-.12787	.02162	-.00164	.00048	.00001	.00002	.00026	.00013	-.00002

OA44 UPWT 1033 CONF4 B21C7E23F9H4R5VTW107X16 (RPNA29) (10 JUL 73)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 82/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	Q(PSF)	CN	CA	CLM	CBL	CYN	CY	CAB	CAC
4.600	-4.054	.01930	293.38217	-.13028	.09926	-.01964	-.00032	.00015	-.00144	.00728	-.00030
4.600	-1.962	.01943	293.38217	-.08822	.09351	-.01599	-.00017	-.00001	-.00008	.00787	-.00012
4.600	-.961	.01955	293.38217	-.06928	.09118	-.01626	-.00016	-.00002	-.00010	.00799	-.00030
4.600	.040	.01949	293.38217	-.04657	.08969	-.01726	-.00033	-.00017	.00135	.00810	-.00030
4.600	1.117	.01964	293.38217	-.02752	.08667	-.01591	-.00033	-.00018	.00132	.00838	-.00012
4.600	2.064	.01980	293.38217	-.00458	.08458	-.01528	-.00017	-.00018	.00126	.00853	-.00030
4.600	4.133	.02015	293.38217	.03631	.08126	-.01151	-.00016	-.00020	.00117	.00830	-.00030
4.600	6.201	.01667	293.38217	.08474	.07830	-.01083	-.00018	.00000	.00255	.00820	-.00030
4.600	8.347	.01702	293.38217	.14044	.07621	-.01326	-.00017	-.00002	.00218	.00838	-.00012
4.600	10.313	.01354	293.38217	.19249	.07484	-.01499	-.00019	.00017	.00188	.00848	-.00012
4.600	12.599	.01400	293.38217	.25522	.07478	-.01552	-.00009	.00015	.00376	.00873	-.00030
4.600	16.481	.01078	293.38217	.38082	.07331	-.02319	-.00009	.00017	.00651	.00873	-.00030
4.600	20.614	.00793	293.38217	.52467	.07352	-.02947	-.00004	.00033	.00775	.00873	-.00030
4.600	25.756	.00522	293.38217	.72284	.07532	-.04133	-.00013	.00032	.01039	.00848	-.00012
4.600	30.966	.00260	293.38217	.94309	.07492	-.06063	.00067	.00032	.01294	.00848	-.00012
4.600	36.144	-.00716	293.38217	1.17706	.07723	-.08098	.00170	.00109	.01471	.00830	-.00030
4.600	41.359	-.00987	293.38217	1.41815	.07561	-.10592	.00224	.00098	.01810	.00820	-.00030
4.600	43.458	-.00951	293.38217	1.50696	.07183	-.12623	.00248	.00099	.01779	.00796	-.00012
	GRADIENT	.00010	-.00000	.02041	-.00220	.00080	.00001	-.00004	.00034	.00014	-.00006

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C9D7M3F4W87E10R9V5X16 (RPNB02) (10 JUL 73)

REFERENCE DATA

SREF = 87.1560 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0502 INCHES ZMRP = 0.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
BDFLAP = -14.250 SPOBRK = 54.920

RUN NO. 4/ 0 RNVL = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
2.900	-4.616	-.14256	.14530	-.98115	-.15104	-.16432	-.14792	.03234	.00454	.04870	.03688
2.900	-2.441	-.07696	.13593	-.56617	-.15630	-.16430	-.15143	.02022	-.00303	.04871	.01719
2.900	-1.420	-.04679	.13302	-.35172	-.15636	-.16610	-.15502	.01482	-.00757	.04868	.00725
2.900	-.320	-.01282	.13138	-.09761	-.15808	-.16606	-.15498	.00909	-.01211	.04870	-.00403
2.900	.695	.01748	.13043	.13400	-.15810	-.16606	-.15501	.00269	-.01514	.04463	-.01244
2.900	1.717	.04773	.13061	.36544	-.15812	-.16435	-.15502	-.00269	-.01816	.04462	-.02096
2.900	3.653	.11131	.13474	.82612	-.15810	-.16259	-.15678	-.01482	-.02422	.04463	-.03904
2.900	6.006	.17857	.14507	1.23066	-.15986	-.16958	-.15854	-.02829	-.03179	.04463	-.06008
2.900	8.147	.23926	.15891	1.50563	-.16339	-.17309	-.16209	-.03906	-.03784	.04056	-.07690
2.900	10.157	.29528	.17869	1.67114	-.16515	-.17308	-.16385	-.04984	-.04389	.04057	-.09373
2.900	12.558	.36459	.20396	1.78756	-.16862	-.16778	-.16379	-.06067	-.05151	.04060	-.11218
2.900	16.597	.46869	.26620	1.83579	-.16866	-.16258	-.16384	-.08468	-.06359	.03652	-.14847
2.900	20.819	.62061	.35613	1.74263	-.16513	-.16432	-.16030	-.11049	-.07873	.03246	-.18922
2.900	26.200	.78417	.50318	1.55843	-.16863	-.16954	-.16203	-.14828	-.09997	.02436	-.24826
2.900	31.566	.93695	.69150	1.35496	-.17212	-.17302	-.16731	-.18746	-.12275	.02031	-.31022
2.900	36.937	1.06855	.91820	1.16157	-.18096	-.17479	-.17088	-.23590	-.14693	.01624	-.38283
2.900	42.331	1.16371	1.17993	.98625	-.18804	-.17484	-.17799	-.28554	-.16043	.02839	-.44597
2.900	44.545	1.18965	1.29169	.92101	-.18802	-.17657	-.17974	-.30315	-.16905	.02840	-.47120
	GRADIENT	.03000	-.00126	.21612	-.00076	.00015	-.00096	-.00557	-.00345	-.00064	-.00902

OA44 UPWT 1035 CONF-2A B10C50TH30F4,80TE10RSV9X10 (RPH802) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1400 INCHES
LREF =	7.1250 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 6/ 0 R/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.366	-.10650	.11476	-.94530	-.07346	-.07688	-.07185	.00975	.00000	.03524	.00975
3.900	-2.253	-.07130	.10472	-.68087	-.07347	-.07689	-.07186	.00390	-.00438	.02936	-.00048
3.900	-1.248	-.05246	.10134	-.51786	-.07347	-.07689	-.07186	.00195	-.00438	.02936	-.00243
3.900	-.197	-.03068	.09849	-.31153	-.07346	-.07688	-.07185	.00000	-.00658	.02937	-.00658
3.900	.840	-.00865	.09709	-.09111	-.07347	-.07689	-.07186	-.00195	-.00878	.02936	-.01071
3.900	1.908	.00722	.09890	.07456	-.07347	-.07689	-.07186	-.00195	-.01095	.02935	-.01290
3.900	3.967	.03329	.09843	.54148	-.07347	-.07689	-.07186	-.00195	-.01533	.02348	-.01728
3.900	5.912	.09622	.10353	.92925	-.07346	-.07688	-.07185	-.00975	-.01972	.02349	-.02947
3.900	8.107	.14991	.11378	1.31749	-.07347	-.07689	-.07442	-.01560	-.02629	.01761	-.04189
3.900	10.098	.20318	.12868	1.57891	-.07346	-.07688	-.07697	-.02145	-.03068	.01762	-.05213
3.900	12.438	.26789	.15222	1.75992	-.07301	-.07688	-.07697	-.03120	-.03725	.01762	-.06946
3.900	16.370	.36077	.20781	1.83229	-.07600	-.07688	-.07696	-.05075	-.04823	.01763	-.09696
3.900	20.458	.45493	.28683	1.76040	-.07601	-.07689	-.07697	-.07214	-.06135	.01174	-.13349
3.900	25.750	.56090	.42149	1.56802	-.07601	-.07689	-.07697	-.10530	-.07888	.00587	-.18419
3.900	31.034	.61433	.59753	1.36262	-.07856	-.07688	-.07697	-.14434	-.10092	.01175	-.24517
3.900	36.318	.94657	.80961	1.16917	-.07858	-.07688	-.07441	-.18917	-.12491	.01175	-.31408
3.900	41.515	1.05567	1.09090	1.00454	-.07856	-.07689	-.07441	-.23595	-.14900	.01175	-.38496
3.900	43.775	1.09101	1.18053	.94009	-.07601	-.07436	-.06930	-.26128	-.15775	.01174	-.41903
	GRADIENT	.01961	-.00196	.10232	-.00000	-.00000	-.00000	-.00145	-.00182	-.00109	-.00327

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

0A44 UPWT 1656 COMP-0A [illegible] (RPH000) (15 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 12/ 0 RNVL = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBW	CPBC	CHEI	CHEO	CHR	CHET
4.600	-5.907	-.08945	.10731	-.83362	-.05115	-.05222	-.05240	.00000	-.00580	.01500	-.00580
4.600	-1.831	-.03189	.09649	-.33773	-.05441	-.05222	-.05240	.00000	-.00839	.01500	-.00839
4.600	-.830	-.03471	.09320	-.37242	-.05115	-.05222	-.04913	.00000	-.00839	.01500	-.00839
4.600	.225	-.01751	.09045	-.19358	-.05113	-.05220	-.05238	-.00249	-.00841	.01502	-.01090
4.600	1.245	-.00017	.08883	-.00187	-.05115	-.05222	-.04913	-.00249	-.01119	.01500	-.01368
4.600	2.188	.01727	.08876	.19455	-.05115	-.05222	-.04913	-.00249	-.01119	.01500	-.01369
4.600	4.274	.05850	.08962	.65275	-.05115	-.04899	-.04913	-.00249	-.01679	.01500	-.01928
4.600	6.307	.10336	.09455	1.09310	-.05441	-.05222	-.05240	-.00747	-.01959	.01500	-.02705
4.600	8.441	.15121	.10475	1.44355	-.05441	-.05222	-.05240	-.01494	-.02518	.00750	-.04012
4.600	10.414	.20205	.11855	1.70440	-.05441	-.05222	-.05240	-.01992	-.03078	.00750	-.05070
4.600	12.894	.26110	.14069	1.85582	-.05441	-.05222	-.05240	-.02988	-.03357	.00750	-.06345
4.600	16.633	.37262	.19665	1.89487	-.05441	-.05222	-.05240	-.04731	-.04197	.00000	-.08928
4.600	20.734	.49431	.27688	1.78530	-.05439	-.05220	-.05238	-.06733	-.05604	.00000	-.12336
4.600	25.885	.64378	.40767	1.57910	-.05766	-.05222	-.05240	-.09711	-.07554	.00000	-.17265
4.600	31.148	.79087	.57828	1.36763	-.05766	-.05222	-.05240	-.13694	-.09793	.00000	-.23487
4.600	36.332	.91733	.78276	1.17191	-.05766	-.05222	-.05567	-.18178	-.12311	.00000	-.30487
4.600	41.542	1.02124	1.01382	1.00733	-.05441	-.05222	-.05240	-.22907	-.14549	.00000	-.37456
4.600	43.638	1.05030	1.10757	.94829	-.05441	-.05222	-.04913	-.24999	-.15388	.00000	-.40287
	GRADIENT	.01785	-.00213	.18155	.00015	.00030	.00048	-.00041	-.00124	.00000	-.00165

OA44 UPWT 1035 CONF-2A B10C8B7W8F4W87E10R8V5X16 (RP8803) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	-14.290	SPOBRK =	54.920

RUN NO. B/ 0 RN/L = 2.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CP&C	CMEI	CMEO	CMR	CMET
2.900	-4.615	-.13063	.14676	-.89130	-.15459	-.17483	-.15148	.03908	.00303	.11764	.04209
2.900	-2.690	-.07170	.13704	-.52307	-.15016	-.17487	-.15330	.02358	-.00454	.11351	.02104
2.9	-1.365	-.03937	.13432	-.29464	-.15019	-.17409	-.15066	.01804	-.00756	.10941	.01128
2.900	-.315	-.00742	.13267	-.05595	-.15985	-.17657	-.15078	.01347	-.01211	.10956	.00136
2.900	.766	.02502	.13182	.19005	-.15987	-.17658	-.15078	.00539	-.01914	.10953	-.00975
2.900	1.722	.05302	.13157	.40295	-.15988	-.17484	-.15079	.00000	-.01816	.10951	-.01816
2.900	3.824	.11488	.13626	.84188	-.16165	-.18939	-.15053	-.00943	-.02573	.11359	-.03516
2.900	6.002	.18179	.14997	1.24539	-.16343	-.18787	-.16036	-.02154	-.03328	.11352	-.05482
2.900	8.186	.24827	.18095	1.53303	-.16918	-.18981	-.16212	-.03366	-.03934	.10948	-.07299
2.900	10.190	.30606	.17930	1.70807	-.17871	-.17312	-.16309	-.04442	-.04609	.10541	-.09132
2.900	12.543	.37318	.20633	1.80862	-.17045	-.17310	-.16563	-.05656	-.05448	.10545	-.11104
2.900	16.630	.49611	.28085	1.83646	-.16875	-.16617	-.16570	-.08206	-.06651	.08907	-.14836
2.900	20.682	.62990	.35893	1.75404	-.17220	-.19911	-.16563	-.10809	-.08323	.01217	-.19232
2.900	26.156	.79082	.50916	1.56431	-.17225	-.16790	-.16745	-.14937	-.10585	-.03242	-.25522
2.900	31.567	.94151	.69540	1.35382	-.17396	-.17699	-.17093	-.18980	-.12410	.00811	-.31400
2.900	36.951	1.07130	.92307	1.16067	-.18452	-.17699	-.17209	-.23040	-.14378	.06096	-.36218
2.900	42.416	1.16333	1.18170	.98445	-.18453	-.17486	-.17271	-.27467	-.15006	.02028	-.43334
2.900	44.906	1.18716	1.29060	.92128	-.18280	-.17314	-.17098	-.29334	-.16330	.01621	-.45664
	GRADIENT	.03009	-.00127	.21406	-.00075	.00043	-.00080	-.00585	-.00439	-.00055	-.00823

OA44 UPUN 1005 CONF-2A B10C30THRP4=07E10R3V9X10 (RPH003) (10 JUL 73)

REFERENCE DATA

BREF =	87.1980 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0900 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	-14.250	SPOBRK =	34.920

RUN NO. 7/ 0 RNVL = 2.50 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.361	-.10813	.11625	-.93014	-.07347	-.07689	-.07186	.01364	-.00438	.11154	.00926
3.900	-2.261	-.06812	.10627	-.64100	-.07346	-.07688	-.07185	.00975	-.00657	.11159	.00318
3.900	-1.196	-.04926	.10270	-.47966	-.07346	-.07688	-.07185	.00585	-.00877	.11159	-.00292
3.900	-.102	-.03043	.10006	-.30412	-.07346	-.07688	-.07185	.00390	-.00877	.11161	-.00487
3.900	.648	-.00838	.09641	-.08717	-.07601	-.07688	-.07185	.00195	-.01096	.11159	-.00901
3.900	1.822	.01327	.09772	.13578	-.07601	-.07689	-.07441	.00000	-.01315	.11157	-.01315
3.900	3.869	.05346	.09816	.54466	-.07602	-.07689	-.07442	-.00195	-.01752	.11155	-.01947
3.900	5.932	.10193	.10434	.97689	-.07602	-.07689	-.07198	-.00780	-.02409	.09960	-.03189
3.900	8.072	.15297	.11424	1.33908	-.07602	-.07689	-.07442	-.01560	-.02629	.09355	-.04189
3.900	10.052	.20336	.12834	1.58431	-.07602	-.07689	-.07698	-.02339	-.03067	.08807	-.05406
3.900	12.390	.26775	.15310	1.74889	-.07857	-.07942	-.07442	-.03314	-.03943	.08219	-.07257
3.900	16.333	.38361	.20810	1.84341	-.07856	-.07942	-.07442	-.05069	-.05039	.05295	-.10108
3.900	20.489	.50900	.28745	1.75681	-.07856	-.07689	-.07441	-.07214	-.06354	.01174	-.13568
3.900	25.717	.66160	.42102	1.57143	-.07856	-.07689	-.07697	-.10528	-.08325	.00587	-.18453
3.900	31.012	.81426	.59752	1.36273	-.08111	-.07688	-.07697	-.14258	-.10299	.04111	-.24535
3.900	36.233	.94322	.80481	1.17197	-.07856	-.07688	-.07441	-.18721	-.12490	.04111	-.31211
3.900	41.364	1.05371	1.05211	1.00142	-.07856	-.07688	-.07185	-.23992	-.14904	.01175	-.38696
3.900	43.782	1.09180	1.16114	.94028	-.07601	-.07436	-.06930	-.25738	-.15556	.00587	-.41294
	GRADIENT	.01969	-.00218	.18164	-.00041	-.00000	-.00035	-.00199	-.00157	.00000	-.00358

OA44 UPWT 1035 CONF-8A B10C8BTN3F4A8TE10R9V5X10 (RPN8G3) (10 JUL 73)

REFERENCE DATA

BREF =	87.1500 SQ.IN.	XMRP =	13.1480 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
SREF =	14.0302 INCHES	ZMRP =	6.0300 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	3.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.290	SPOBRK =	54.920

RUN NO. 15/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPBC	CHET	CHEO	CHR	CHET
4.000	-3.913	-.08783	.10846	-.81065	-.05441	-.05222	-.05240	.00240	-.00039	.09748	-.00390
4.000	-1.833	-.05408	.09807	-.54990	-.05441	-.05222	-.05240	.00240	-.00039	.10496	-.00990
4.000	-.830	-.03703	.09309	-.38960	-.05439	-.05220	-.05238	.00000	-.01121	.09762	-.01121
4.000	.210	-.01807	.09243	-.17368	-.05441	-.05222	-.04913	-.00249	-.01119	.09748	-.01368
4.000	1.230	.00120	.09039	.01329	-.05441	-.05222	-.05240	-.00249	-.01119	.09748	-.01368
4.000	2.222	.02226	.08962	.24835	-.05441	-.05222	-.05240	-.00249	-.01399	.09748	-.01648
4.000	4.265	.03975	.08068	.49098	-.05439	-.05220	-.05238	-.00499	-.01681	.09762	-.02180
4.000	6.288	.10097	.09534	1.09095	-.05439	-.05220	-.05238	-.00748	-.01961	.09011	-.02709
4.000	8.498	.13274	.10548	1.44799	-.05439	-.05220	-.05238	-.01496	-.02522	.07510	-.04018
4.000	10.396	.20000	.11982	1.67195	-.05439	-.05220	-.05238	-.02244	-.03082	.07510	-.05326
4.000	12.714	.26254	.14243	1.84332	-.05764	-.05220	-.05238	-.02992	-.03643	.06008	-.06635
4.000	16.804	.37398	.19813	1.88537	-.05766	-.05222	-.05240	-.04731	-.04756	.02999	-.09497
4.000	20.715	.49551	.27765	1.78466	-.05764	-.05220	-.05238	-.06733	-.06164	.00751	-.12997
4.000	25.884	.64474	.40855	1.57811	-.05766	-.05222	-.05567	-.09980	-.07834	.02250	-.17794
4.000	31.128	.78164	.57937	1.34834	-.05766	-.05222	-.05567	-.13694	-.10072	.02250	-.23767
4.000	36.308	.91803	.78029	1.17599	-.05766	-.05222	-.05240	-.18178	-.12311	.02999	-.30467
4.000	41.566	1.02205	1.01465	1.00730	-.05766	-.05222	-.05240	-.23156	-.14549	.00000	-.37705
4.000	43.630	1.04913	1.10490	.94952	-.05441	-.05222	-.04913	-.24998	-.15109	.00000	-.40308
	GRADIENT	.01622	-.00221	.10340	.00000	.00000	.00000	-.00099	-.00104	-.00034	-.00203

OA44 UPWT 1935 CONF-2A B10C50TN3F4W87E10RSVSX16 (RPNB04) (10 JUL 73)

REFERENCE DATA

SREF = 97.1980 SQ.IN. XMRP = [illegible] INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0902 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
AILRON = .000 RUDDER = .000
BDFLAP = -14.250 SPDBRK = 54.920

RUN NO- 187 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
2.500	-4.711	-.24830	.18598	-1.33510	-.14690	-.16368	-.14378	.21595	.08190	.04065	.29784
2.500	-2.561	-.18409	.17062	-1.07895	-.14514	-.16492	-.14025	.19567	.07430	.04064	.26998
2.500	-1.525	-.15253	.16347	-.93304	-.14520	-.14972	-.14208	.18206	.06971	.04081	.25177
2.500	-.406	-.11703	.15751	-.74300	-.14693	-.15145	-.14382	.17133	.06670	.04063	.23803
2.500	.592	-.08719	.15347	-.56810	-.14875	-.15500	-.14565	.16312	.06211	.03654	.22523
2.500	1.653	-.05144	.14972	-.34355	-.14872	-.15672	-.14561	.14836	.05759	.03656	.20595
2.500	3.747	.01208	.14581	.08283	-.14874	-.15849	-.14564	.11865	.05151	.03655	.17017
2.500	5.831	.07549	.14814	.50960	-.15403	-.16375	-.15095	.08629	.04999	.03654	.13628
2.500	8.077	.14419	.15779	.91381	-.15753	-.16897	-.15446	.06609	.04395	.03250	.11004
2.500	10.129	.20855	.17298	1.20562	-.15930	-.16723	-.15447	.05798	.03940	.03249	.09738
2.500	12.523	.27792	.19540	1.42230	-.16109	-.16901	-.15981	.04987	.03787	.03247	.08774
2.500	16.464	.39670	.24583	1.61369	-.16639	-.16202	-.16335	.02965	.03180	.02841	.06145
2.500	20.615	.53001	.32962	1.60795	-.17697	-.17603	-.17397	.01752	.02120	.02435	.03871
2.500	26.147	.68495	.46046	1.48752	-.17872	-.18302	-.17397	.00135	.01060	.01623	.01195
2.500	31.536	.82940	.63007	1.31653	-.17871	-.18476	-.17924	-.00539	.00303	.00812	-.00236
2.500	36.870	.95167	.83225	1.14348	-.18049	-.18303	-.17751	-.01617	-.00303	.00811	-.01919
2.500	42.354	1.04926	1.07533	.97575	-.18046	-.17775	-.17571	-.02696	-.00606	.02842	-.03302
2.500	44.531	1.07152	1.17495	.91197	-.18226	-.18129	-.17752	-.03098	-.00757	.01217	-.03855
	GRADIENT	.03092	-.00490	.16905	-.00041	.00028	-.00049	-.01132	-.00366	-.00064	-.01499

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OA44 UPWT 1035 CONF-2A B10C80THSF4W07E10RSV9X10 (RPNB04) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	18.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-40.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	94.920

RUN NO. 19/ 0 RN/L = 2.90 GRADIENT INTERVAL = -9.00/ 9.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.410	-.16902	.14219	-1.18872	-.07275	-.07104	-.07118	.07218	.06574	.03524	.13790
3.900	-2.283	-.12429	.12602	-.98623	-.07020	-.07357	-.07118	.06046	.05917	.02937	.11965
3.900	-1.266	-.10300	.11953	-.86169	-.07020	-.07357	-.07118	.05851	.05479	.02937	.11331
3.900	-.218	-.08152	.11499	-.70891	-.07020	-.07357	-.07118	.05851	.05040	.02937	.10891
3.900	.857	-.06009	.11145	-.53917	-.07021	-.07105	-.07118	.05460	.04820	.02349	.10280
3.900	1.793	-.03828	.10942	-.34985	-.07275	-.07357	-.07118	.05461	.04603	.02350	.10064
3.900	3.851	.00438	.10755	.04077	-.07275	-.07358	-.07374	.04680	.04362	.02349	.09062
3.900	5.919	.04989	.11017	.45280	-.07530	-.07357	-.07374	.03706	.04603	.02350	.08309
3.900	8.089	.10071	.11814	.85245	-.07530	-.07358	-.07374	.03315	.04362	.01762	.07697
3.900	10.060	.15105	.13055	1.15700	-.07785	-.07611	-.07630	.03315	.04163	.01762	.07477
3.900	12.386	.21316	.14999	1.42116	-.07785	-.07611	-.07630	.02925	.03944	.01762	.06868
3.900	16.329	.32448	.19818	1.63732	-.07785	-.07864	-.07886	.01950	.03068	.01175	.05018
3.900	20.464	.44241	.26849	1.64780	-.07785	-.07864	-.07886	.00975	.02410	.01174	.03385
3.900	25.730	.58803	.39068	1.50513	-.07785	-.07864	-.07886	.00585	.01534	.00587	.02119
3.900	30.956	.72929	.54808	1.33065	-.07784	-.07863	-.07885	-.00195	.00658	.01175	.00463
3.900	36.211	.85379	.74070	1.15268	-.07785	-.07864	-.07886	-.00780	-.00219	.00587	-.00999
3.900	41.467	.95900	.96505	.99374	-.07275	-.07611	-.07118	-.01365	-.00877	.00587	-.02242
3.900	43.645	.99022	1.05914	.93493	-.07020	-.07104	-.06862	-.01560	-.00877	.00587	-.02437
	GRADIENT	.02097	-.00417	.15008	-.00011	-.00018	-.00023	-.00271	-.00279	-.00150	-.00550

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1088 CONF-2A B18C80THRF4,87E18R5V8X16 (RPN804) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	0.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-40.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 20/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHE1	CHEO	CHR	CHET
4.600	-3.978	-.15287	.13571	-1.12650	-.05023	-.05122	-.05153	.06728	.07841	.02251	.14589
4.600	-1.888	-.11274	.12005	-.93915	-.05023	-.05445	-.05153	.05981	.06440	.02251	.12421
4.600	-.928	-.08855	.11276	-.78532	-.05023	-.05445	-.05153	.05981	.05880	.02251	.11661
4.600	.201	-.06818	.10789	-.63183	-.05023	-.05122	-.05153	.05482	.05880	.02251	.11363
4.600	1.224	-.04740	.10445	-.45379	-.05349	-.05445	-.05153	.04984	.05880	.02251	.10864
4.600	2.167	-.03013	.10207	-.29522	-.05349	-.05445	-.05153	.04486	.05600	.02251	.10086
4.600	4.244	.01065	.10007	.10645	-.05349	-.05445	-.05480	.03987	.05600	.02251	.09588
4.600	6.265	.05521	.10211	.54069	-.05349	-.05445	-.05153	.03489	.05040	.02251	.08529
4.600	8.565	.10649	.10952	.97226	-.05349	-.05445	-.05153	.03240	.04480	.01501	.07720
4.600	10.518	.15390	.12074	1.27469	-.05674	-.05445	-.05480	.02990	.04200	.01501	.07191
4.600	12.660	.20982	.13824	1.51776	-.05674	-.05769	-.05807	.02492	.03640	.01501	.06132
4.600	16.608	.31898	.18772	1.69926	-.05674	-.05769	-.05807	.01994	.02520	.00750	.04514
4.600	20.667	.43507	.25923	1.67834	-.05674	-.05769	-.05807	.01246	.01960	.00750	.03206
4.600	25.895	.57490	.37960	1.51450	-.05673	-.05767	-.05805	.00749	.01402	.00752	.02151
4.600	31.176	.70916	.53371	1.32872	-.05674	-.05769	-.05807	-.00249	.00560	.00750	.00311
4.600	36.310	.82681	.71910	1.14978	-.05674	-.05769	-.05480	-.00997	.00000	.00750	-.00997
4.600	41.489	.92145	.92727	.99372	-.05349	-.05769	-.05480	-.01495	-.00280	.00000	-.01775
4.600	43.641	.95086	1.01502	.93679	-.05349	-.05122	-.05153	-.01744	-.00560	.00750	-.02304
	GRADIENT	.01994	-.00434	.15171	-.00053	-.00030	-.00030	-.00346	-.00247	-.00000	-.00593

OA44 UPWT 1035 CONF-2A B10C5D7H3F4W07E10R3V5X10 (RPNBOS) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 21/ 0 RN/L = 2.50 GRADIENT INTERVAL = -9.00/ 9.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHE1	CHEO	CHR	CHET
2.500	-4.635	-.10569	.14782	-.71496	-.15435	-.17111	-.15124	-.02561	-.02272	.04060	-.04833
2.500	-2.421	-.03611	.13978	-.25830	-.15615	-.16939	-.15305	-.03638	-.03179	.03652	-.06917
2.500	-1.408	-.00615	.13885	-.04436	-.15613	-.16937	-.15303	-.04178	-.03683	.03653	-.07661
2.500	-.252	.02970	.13801	.21517	-.15789	-.17112	-.15479	-.04652	-.03938	.03653	-.08790
2.500	.794	.05561	.13831	.40208	-.15608	-.17263	-.15298	-.05529	-.04395	.03655	-.09924
2.500	1.722	.08588	.13977	.61448	-.15607	-.17108	-.15297	-.06069	-.04698	.03656	-.10787
2.500	3.845	.14888	.14858	1.01570	-.15788	-.17111	-.15855	-.07413	-.05604	.03653	-.13017
2.500	6.007	.21934	.16032	1.36815	-.15964	-.17636	-.15832	-.08827	-.06513	.03247	-.15159
2.500	8.168	.28286	.17805	1.58863	-.16494	-.17988	-.16188	-.10106	-.07268	.03247	-.17374
2.500	10.161	.34187	.19934	1.71501	-.16670	-.17288	-.16188	-.11454	-.08177	.03247	-.19630
2.500	12.532	.41312	.23065	1.79112	-.16848	-.17114	-.16543	-.13203	-.09234	.02840	-.22437
2.500	16.676	.54899	.30525	1.79198	-.16669	-.16080	-.16538	-.16581	-.11513	.02842	-.28094
2.500	20.812	.67951	.40560	1.67534	-.17021	-.17111	-.16539	-.19950	-.13832	.02030	-.33582
2.500	26.238	.85275	.57477	1.48363	-.17199	-.17464	-.16895	-.25195	-.16805	.01623	-.42000
2.500	31.686	1.00575	.78396	1.28291	-.17730	-.17990	-.17426	-.30034	-.19977	.00406	-.50011
2.500	37.054	1.13620	1.03452	1.10021	-.18255	-.18338	-.17779	-.35842	-.23166	.00812	-.59006
2.500	42.524	1.24494	1.33219	.93451	-.18961	-.19039	-.18840	-.43106	-.25127	.01623	-.68233
2.500	46.323	1.26062	1.51693	.83007	-.18958	-.19036	-.18484	-.42328	-.24539	.01624	-.66867
	GRADIENT	.02982	-.00014	.20528	-.00032	-.00016	-.00048	-.00576	-.00389	-.00037	-.00966

OA44 UPWT 1035 CONF-2A B10C30TH3F4,67E10R5V5X16 (RPNB09) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 22/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.418	-.09725	.11652	-.83466	-.07576	-.07916	-.07416	-.00974	-.01314	.02348	-.02288
3.900	-2.277	-.05727	.10656	-.53740	-.07575	-.07915	-.07415	-.01365	-.01752	.02348	-.03117
3.900	-1.269	-.03573	.10367	-.34460	-.07574	-.07914	-.07414	-.01931	-.01973	.02350	-.03924
3.900	-.201	-.01406	.10191	-.13794	-.07574	-.07914	-.07414	-.02146	-.02192	.02350	-.04336
3.900	.929	.00757	.10081	.07512	-.07574	-.07914	-.07414	-.02731	-.02631	.01763	-.05362
3.900	1.823	.02664	.10092	.26398	-.07574	-.07914	-.07414	-.03122	-.03069	.01763	-.06191
3.900	3.888	.07211	.10448	.69022	-.07574	-.07914	-.07414	-.03902	-.03508	.01763	-.07410
3.900	5.899	.12038	.11218	1.07329	-.07574	-.07914	-.07414	-.05072	-.04384	.01763	-.09456
3.900	8.147	.17617	.12537	1.40521	-.07574	-.07914	-.07670	-.06438	-.05261	.01175	-.11699
3.900	10.124	.23402	.14402	1.62492	-.07830	-.07915	-.07671	-.07605	-.06354	.01174	-.13959
3.900	12.489	.30009	.17122	1.75262	-.07830	-.07915	-.07671	-.09164	-.07450	.01174	-.16614
3.900	16.386	.42136	.23495	1.79340	-.07829	-.07915	-.07670	-.12675	-.09203	.01175	-.21878
3.900	20.474	.55263	.32462	1.70239	-.07829	-.07915	-.07415	-.16381	-.11395	.00587	-.27776
3.900	25.682	.71688	.47692	1.50314	-.07575	-.07662	-.07671	-.21645	-.14462	.00000	-.36107
3.900	30.949	.87292	.67059	1.30172	-.07830	-.07915	-.07671	-.27100	-.17746	.01174	-.44846
3.900	36.335	1.01278	.91039	1.11247	-.07830	-.07915	-.07926	-.32953	-.21034	.00587	-.53988
3.900	41.493	1.12014	1.17436	.95383	-.07830	-.07915	-.07415	-.38609	-.24102	.00587	-.62711
3.900	43.777	1.15250	1.29262	.89160	-.07829	-.07915	-.07415	-.41145	-.25199	.00000	-.66345
	GRADIENT	.02036	-.00145	.18601	.00000	.00000	.00000	-.00366	-.00276	-.00094	-.00643

OA44 UPWT 1035 CONF-2A B10C9D7H3F4W07E10R9V9X10 (RPHBOS) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1409 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	10.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 23/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.886	-.08951	.11042	-.81061	-.05407	-.05512	-.05206	-.01245	-.01119	.02250	-.02364
4.600	-1.780	-.05220	.10056	-.51913	-.05407	-.05512	-.05206	-.01743	-.01958	.01500	-.03701
4.600	-.858	-.03500	.09723	-.36001	-.05407	-.05512	-.05206	-.01992	-.01958	.01500	-.03950
4.600	.198	-.01417	.09465	-.14974	-.05407	-.05512	-.05206	-.02490	-.02238	.01500	-.04728
4.600	1.258	.00661	.09364	.07058	-.05407	-.05512	-.05206	-.02739	-.02518	.01500	-.05257
4.600	2.146	.02408	.09385	.25688	-.05407	-.05512	-.05206	-.02988	-.02798	.01500	-.05786
4.600	4.276	.06466	.09630	.67147	-.05407	-.05188	-.05333	-.03486	-.03637	.01500	-.07123
4.600	6.294	.11274	.10323	1.09218	-.05407	-.05188	-.05206	-.04233	-.04197	.01500	-.08430
4.600	8.492	.16703	.11554	1.44564	-.05407	-.05512	-.05206	-.05727	-.05036	.01500	-.10763
4.600	10.395	.22090	.13236	1.66896	-.05732	-.05188	-.05206	-.06972	-.05596	.01500	-.12567
4.600	12.675	.28580	.15863	1.80166	-.05732	-.05512	-.05206	-.08983	-.06715	.00750	-.15678
4.600	16.636	.40832	.22446	1.81912	-.05732	-.05512	-.05206	-.12449	-.08673	.00750	-.21123
4.600	20.758	.53540	.31472	1.70121	-.05732	-.05512	-.05533	-.18184	-.10632	.00750	-.26816
4.600	25.868	.69561	.46229	1.50468	-.05732	-.05512	-.05538	-.21184	-.13709	.00000	-.34873
4.600	30.947	.84183	.64454	1.30606	-.05732	-.05512	-.05533	-.26890	-.17067	.00750	-.43957
4.600	36.363	.97729	.87931	1.11143	-.05732	-.05512	-.05533	-.32866	-.20144	.00750	-.53011
4.600	41.535	1.07470	1.12794	.95280	-.05732	-.05512	-.05206	-.38344	-.23502	.00000	-.61846
4.600	43.669	1.10444	1.23393	.89506	-.05407	-.05512	-.05206	-.40336	-.24621	.00000	-.64957
	GRADIENT	.01902	-.00173	.18558	-.00000	.00031	-.00031	-.00286	-.00289	-.00071	-.00576

OA44 UPWT 1035 CONF-2A B10C3D7N3F4,07E10R3V5X16 (RPN806) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	3.920

RUN NO. 24/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
2.900	-4.588	-.13589	.14581	-.93189	-.15094	-.16397	-.14980	.03104	.00455	.04065	.03539
2.900	-2.446	-.06988	.13628	-.51274	-.15266	-.16418	-.15132	.01891	-.00304	.04067	.01587
2.900	-1.427	-.03558	.13320	-.26711	-.15287	-.16244	-.15134	.01350	-.00607	.04067	.00743
2.900	-.324	-.00354	.13183	-.02689	-.15446	-.16246	-.15313	.00810	-.00910	.04065	-.00100
2.900	.718	.02449	.13137	.18644	-.15450	-.16249	-.15317	.00135	-.01213	.04063	-.01078
2.900	1.697	.05283	.13178	.40091	-.15445	-.16245	-.15312	-.00405	-.01517	.04066	-.01922
2.900	3.606	.11638	.13690	.85012	-.15627	-.16250	-.15495	-.01484	-.02122	.04063	-.03606
2.900	5.936	.18386	.14737	1.24765	-.15798	-.17295	-.15664	-.02836	-.02732	.03660	-.05568
2.900	8.148	.24971	.16342	1.52807	-.16160	-.17304	-.15853	-.04045	-.03484	.03248	-.07529
2.900	10.174	.30601	.18230	1.66955	-.16149	-.16769	-.15841	-.04997	-.03794	.03254	-.08791
2.900	12.528	.37830	.21105	1.79252	-.16684	-.16599	-.16025	-.06072	-.04100	.03251	-.10772
2.900	16.367	.50184	.27624	1.81593	-.17034	-.16596	-.16730	-.08504	-.05612	.03252	-.14116
2.900	20.819	.64138	.37437	1.71322	-.17572	-.17307	-.16917	-.11184	-.07117	.02435	-.18301
2.900	26.109	.80646	.52674	1.53102	-.17743	-.17651	-.17265	-.14974	-.09701	.02031	-.24675
2.900	31.590	.95975	.72259	1.32822	-.17743	-.17651	-.17265	-.19021	-.11824	.00813	-.30845
2.900	36.930	1.08923	.95697	1.13821	-.18273	-.18003	-.17620	-.24006	-.14245	.00812	-.38251
2.900	42.338	1.18845	1.22930	.96678	-.18980	-.18531	-.18331	-.29381	-.15751	.01624	-.45132
2.900	44.544	1.21276	1.34285	.90312	-.18978	-.18703	-.18327	-.31560	-.16519	.02031	-.48079
	GRADIENT	.02991	-.00105	.21417	-.00061	.00039	-.00061	-.00550	-.00304	-.00000	-.00854

OA44 UPWT 1038 CONF-2A B10C30TH3F4A07E10R3V3X16 (RPN806) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	0.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.790	SPOBRK =	54.920

RUN NO. 25/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.984	-.11612	.11949	-.97175	-.07606	-.07943	-.07704	.00780	.00219	.02935	.00999
3.900	-2.268	-.06861	.10985	-.64757	-.07604	-.07942	-.07702	.00390	.00000	.02938	.00390
3.900	-1.229	-.04686	.10194	-.45963	-.07351	-.07690	-.07703	.00195	-.00438	.02938	-.00243
3.900	-.202	-.03099	.09991	-.31021	-.07350	-.07689	-.07447	.00000	-.00438	.02350	-.00438
3.900	.642	-.00911	.09818	-.09282	-.07604	-.07688	-.07446	-.00195	-.00658	.02351	-.00853
3.900	1.601	.01278	.09783	.13066	-.07349	-.07688	-.07446	-.00390	-.00658	.02351	-.01048
3.900	3.874	.05575	.09980	.55867	-.07604	-.07688	-.07446	-.00586	-.01316	.02351	-.01902
3.900	5.944	.10148	.10590	.95801	-.07604	-.07688	-.07702	-.01171	-.01535	.02351	-.02706
3.900	8.112	.15909	.11651	1.33116	-.07605	-.07942	-.07702	-.01951	-.02192	.01763	-.04144
3.900	10.076	.20825	.13231	1.57394	-.07859	-.07941	-.07702	-.02732	-.02851	.01763	-.05583
3.900	12.392	.27248	.15642	1.74200	-.07860	-.07942	-.07959	-.03511	-.03287	.01762	-.06798
3.900	16.354	.39022	.21516	1.81367	-.08114	-.07941	-.08214	-.05271	-.04606	.01764	-.09877
3.900	20.491	.51615	.29875	1.73437	-.08115	-.07942	-.07958	-.07414	-.05919	.01175	-.13333
3.900	25.695	.67631	.43901	1.54054	-.07861	-.07690	-.07703	-.10919	-.07888	.00587	-.18807
3.900	30.987	.83410	.62338	1.33803	-.07860	-.07689	-.07703	-.14827	-.10084	.01175	-.24910
3.900	36.261	.96858	.84355	1.14822	-.08116	-.07690	-.07959	-.19497	-.12488	.00587	-.31985
3.900	41.325	1.08111	1.10080	.98212	-.08115	-.07690	-.07959	-.24374	-.14900	.00587	-.39274
3.900	43.723	1.11291	1.20952	.92012	-.07860	-.07689	-.07447	-.26719	-.15779	.00587	-.42498
	GRADIENT	.01940	-.00225	.17474	.00007	.00034	.00039	-.00162	-.00167	-.00089	-.00329

OA44 UPWT 1035 CONF-2A B10C30TW3F4A07E10R3V3X10 (RPNB06) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 26/ 0 RN/L = 2.93 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.871	-.09315	.10956	-.85018	-.05770	-.05545	-.05573	.00748	.00000	.02252	.00748
4.600	-1.831	-.05935	.09942	-.59698	-.05769	-.05868	-.05572	.00499	-.00281	.02255	.00219
4.600	-.813	-.04204	.09533	-.44097	-.05445	-.05545	-.05573	.00499	-.00560	.02252	-.00062
4.600	.221	-.02106	.09273	-.22708	-.05445	-.05545	-.05573	.00249	-.00560	.02252	-.00311
4.600	1.223	-.00750	.09082	-.08257	-.05446	-.05547	-.05575	.00000	-.00559	.02249	-.00559
4.600	2.159	.01360	.09059	.15017	-.05445	-.05545	-.05573	.00000	-.00840	.02252	-.00840
4.600	4.251	.05457	.09222	.59173	-.05445	-.05545	-.05573	-.00499	-.01120	.02252	-.01619
4.600	6.263	.09573	.09682	.98876	-.05770	-.05545	-.05573	-.00997	-.01681	.01501	-.02678
4.600	8.424	.14704	.10727	1.37072	-.05770	-.05545	-.05573	-.01745	-.01961	.01501	-.03706
4.600	10.444	.19762	.12182	1.62210	-.05770	-.05545	-.05900	-.02244	-.02521	.01501	-.04765
4.600	12.743	.25970	.14529	1.78750	-.05770	-.05545	-.05900	-.03241	-.03081	.01501	-.06322
4.600	16.996	.37780	.20423	1.84988	-.05770	-.05545	-.05900	-.04986	-.04202	.00751	-.09187
4.600	20.758	.50398	.28896	1.74404	-.05770	-.05545	-.05573	-.07229	-.05322	.00751	-.12551
4.600	25.842	.65497	.42536	1.53981	-.05770	-.05545	-.05900	-.09971	-.07003	.00000	-.16974
4.600	31.206	.80738	.60603	1.33224	-.05770	-.05545	-.05573	-.14209	-.09804	.00751	-.24013
4.600	36.266	.93722	.81673	1.14753	-.05770	-.05545	-.05900	-.18447	-.12045	.00751	-.30492
4.600	41.535	1.04229	1.06057	.98277	-.05770	-.05545	-.05573	-.23183	-.14566	.00000	-.37749
4.600	43.634	1.07354	1.16163	.92417	-.05770	-.05222	-.05573	-.25177	-.15406	.00000	-.40584
	GRADIENT	.01815	-.00218	.17921	.00046	.00015	-.00000	-.00153	-.00132	-.00000	-.00284

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C80TH30F4,07E10R3V5X16 (RPN807) (10 JUL 73)

REFERENCE DATA

SREF = 87.1500 SQ.IN. XMRP = 13.1489 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0502 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
BOFLAP = .000 SPOBRK = 54.920

RUN NO. 27/ 0 RN/L = 2.90 GRADIENT INTERVAL = -9.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC	CHE1	CHEO	CHR	CHET
2.900	-4.698	-.14065	.14428	-.97481	-.15119	-.16452	-.14809	.03237	.00303	.04062	.03560
2.900	-2.982	-.07083	.13435	-.52719	-.15482	-.16635	-.15169	.02021	-.00454	.04057	.01966
2.900	-1.485	-.04258	.13174	-.32320	-.15475	-.16630	-.15339	.01483	-.00758	.04060	.00726
2.900	-.298	-.01056	.12848	-.08153	-.15657	-.16460	-.15189	.00808	-.01060	.03651	-.00251
2.900	.777	.01944	.12834	.15144	-.15475	-.16455	-.15162	.00270	-.01363	.04060	-.01094
2.900	1.719	.04786	.12837	.37286	-.15481	-.16110	-.15168	-.00269	-.01817	.03651	-.02086
2.900	3.031	.10948	.13272	.82492	-.15477	-.16201	-.15164	-.01483	-.02423	.03654	-.03906
2.900	5.096	.17292	.14229	1.21528	-.15638	-.16810	-.15522	-.02694	-.03027	.03651	-.05722
2.900	8.193	.23936	.15772	1.51779	-.16183	-.16962	-.15872	-.03909	-.03786	.03247	-.07694
2.900	10.199	.29755	.17538	1.69661	-.16399	-.16807	-.15872	-.04996	-.04240	.03247	-.09227
2.900	12.937	.36445	.20216	1.80280	-.16361	-.16635	-.16052	-.06062	-.04995	.03246	-.11057
2.900	16.572	.48873	.26487	1.84517	-.16712	-.16283	-.16227	-.06354	-.06206	.02841	-.14562
2.900	20.792	.62034	.35627	1.74121	-.17065	-.16807	-.16403	-.11052	-.07724	.02435	-.18775
2.900	26.123	.78404	.50378	1.55631	-.17410	-.17327	-.16928	-.14839	-.10004	.01625	-.24643
2.900	31.806	.94091	.69739	1.34919	-.17582	-.17673	-.17100	-.18901	-.12136	.01220	-.31037
2.900	36.935	1.07355	.92744	1.15754	-.18118	-.17855	-.17461	-.23730	-.14544	.00812	-.38274
2.900	42.299	1.17193	1.18863	.98595	-.18643	-.18201	-.17998	-.28740	-.15920	.01625	-.44660
2.900	44.646	1.19598	1.30691	.91512	-.18648	-.18381	-.17993	-.30732	-.16812	.02030	-.47544
	GRADIENT	.02920	-.00140	.21268	-.00033	.00042	-.00028	-.00554	-.00319	-.00055	-.00674

OA44 UPWT 1035 CONF-2A B10C9D7H3F4J07E10R9V9X16 (RPHB07) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	13.1400 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0900 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPOBRK =	54.920

RUN NO. 28/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPBC	CHE1	CHEO	CHR	CHET
3.900	-4.307	-.10843	.11379	-.95291	-.07379	-.07980	-.07215	.00585	.00219	.02350	.00804
3.900	-2.075	-.06537	.10286	-.63554	-.07380	-.07980	-.07216	.00195	.00000	.02349	.00195
3.900	-1.199	-.04931	.09996	-.49330	-.07379	-.07980	-.07210	.00000	-.00219	.02349	-.00219
3.900	-.157	-.02760	.09743	-.28326	-.07380	-.07727	-.07216	-.00195	-.00438	.02349	-.00633
3.900	.854	-.00659	.09593	-.08953	-.07378	-.07726	-.07214	-.00390	-.00439	.02351	-.00529
3.900	1.792	.00759	.09514	.07980	-.07379	-.07726	-.07215	-.00585	-.00658	.01762	-.01243
3.900	3.832	.05060	.09696	.52190	-.07379	-.07727	-.07215	-.00975	-.01315	.01762	-.02290
3.900	5.565	.08825	.10136	.87065	-.07380	-.07727	-.07216	-.01755	-.01753	.01762	-.03508
3.900	8.067	.15030	.11264	1.33433	-.07634	-.07727	-.07216	-.02340	-.02192	.01762	-.04532
3.900	10.056	.20065	.12708	1.57901	-.07634	-.07727	-.07472	-.03120	-.02849	.01762	-.05969
3.900	12.932	.27048	.15276	1.77067	-.07635	-.07727	-.07472	-.04095	-.03506	.01174	-.07600
3.900	16.342	.37823	.20606	1.83553	-.07889	-.07726	-.07727	-.05853	-.04385	.01175	-.10238
3.900	20.451	.50329	.26604	1.76651	-.07889	-.07980	-.07727	-.07996	-.05698	.00587	-.13695
3.900	25.796	.66306	.42394	1.56403	-.07888	-.07726	-.07470	-.11318	-.07675	.00000	-.18993
3.900	31.152	.81997	.60436	1.35670	-.07888	-.07726	-.07726	-.15220	-.09867	.01175	-.25086
3.900	36.236	.95164	.81330	1.17009	-.07888	-.07979	-.07470	-.19516	-.12281	.00588	-.31798
3.900	41.491	1.06289	1.05985	1.00267	-.07889	-.07979	-.07471	-.24387	-.14688	.00588	-.39075
3.900	43.707	1.09792	1.17000	.93840	-.07889	-.07726	-.07471	-.26724	-.15343	.00000	-.42067
	GRADIENT	.01943	-.00207	.18242	.00000	.00042	.00000	-.00193	-.00181	-.00082	-.00374

OA44 UPWT 1035 CONF-2A B10C30?H3F4,07E10R5V5X16 (RPH807) (10 JUL 73)

REFERENCE DATA

BREF = 87.1560 SQ.IN. XMRP = 13.1400 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
SREF = 14.0902 INCHES ZMRP = 6.0000 INCHES
SCALE = .0190 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
BOFLAP = .000 SPOBRK = 54.920

RUN NO. 89/ 0 RN/L = 2.50 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC	CMET	CMEO	CMR	CMET
4.000	-3.918	-.10032	.10804	-.92004	-.05402	-.05394	-.04951	.00249	.00000	.02251	.00249
4.000	-1.901	-.05029	.08774	-.60662	-.05153	-.05268	-.05276	.00000	-.00260	.02254	-.00290
4.000	-.845	-.04598	.08906	-.48515	-.05155	-.05268	-.05276	-.00249	-.00260	.01903	-.00330
4.000	.217	-.02824	.08103	-.31010	-.05157	-.05394	-.05276	-.00249	-.00560	.02251	-.00809
4.000	1.240	-.00725	.06930	-.08114	-.05155	-.05268	-.05276	-.00499	-.00561	.01903	-.01060
4.000	2.221	.01018	.06854	.11905	-.05402	-.05394	-.05276	-.00498	-.00840	.01900	-.01338
4.000	4.374	.05120	.09000	.56890	-.05401	-.05268	-.04949	-.00998	-.01121	.01903	-.02119
4.000	6.801	.08903	.09432	.94413	-.05401	-.05268	-.04949	-.00998	-.01682	.01903	-.02880
4.000	8.493	.14030	.10419	1.34654	-.05401	-.05268	-.05276	-.01746	-.01962	.01903	-.03709
4.000	10.388	.19134	.11784	1.62367	-.05402	-.05271	-.05278	-.02491	-.02519	.01900	-.04010
4.000	12.632	.24639	.13858	1.77939	-.05402	-.05394	-.05276	-.03238	-.03079	.00790	-.06317
4.000	16.804	.36963	.19984	1.84903	-.05807	-.05592	-.05276	-.04989	-.04205	.00751	-.09194
4.000	20.881	.48388	.27341	1.76982	-.05807	-.05592	-.05603	-.06985	-.05326	.00751	-.12311
4.000	25.906	.64025	.40068	1.58587	-.05401	-.05268	-.05603	-.10478	-.07008	.00000	-.17486
4.000	31.801	.78657	.58053	1.35493	-.05807	-.05592	-.05603	-.14469	-.09231	.00751	-.23720
4.000	36.316	.91405	.78370	1.16632	-.05807	-.05268	-.05603	-.18710	-.11493	.00751	-.30803
4.000	41.466	1.02057	1.01712	1.00339	-.05401	-.05268	-.05276	-.23201	-.14016	.00000	-.37217
4.000	43.754	1.05398	1.12214	.93874	-.05401	-.05268	-.04949	-.23446	-.15138	.00000	-.40983
	GRADIENT	.01819	-.00230	.18120	-.00015	.00016	.00000	-.00145	-.00137	-.00103	-.00281

OA44 UPWT 1883 CONF-BA B10C30TH30F40/STE10B30V5X10 (RPH000) (10 JUL 73)

REFERENCE DATA

SREF =	67.1500 SQ.IN.	XMRP =	13.1400 INCHES		
LREF =	7.1200 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0300 INCHES	ZMRP =	0.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	84.920

RUN NO. 30/ 0 RN/L = 2.90 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPBC	CHEI	CHEO	CHR	CHET
2.900	-4.648	-.10007	.18064	-1.22062	-.14999	-.15232	.14107	.19078	.06656	.03243	.21734
2.900	-2.498	-.12736	.14384	-.87331	-.14587	-.15221	-.14271	.12673	.03454	.03248	.18127
2.900	-1.371	-.08955	.14074	-.67892	-.14591	-.15225	-.14278	.11723	.04694	.03246	.16417
2.900	-.365	-.06548	.13707	-.47770	-.14788	-.15032	-.14454	.10912	.03936	.03246	.14848
2.900	.763	-.03158	.13399	-.23570	-.14765	-.15223	-.14493	.09839	.03332	.03247	.13171
2.900	1.802	-.00158	.13255	-.01193	-.14767	-.15225	-.14453	.08758	.02677	.03246	.11635
2.900	3.796	.05866	.13296	.44118	-.14763	-.15048	-.14448	.06741	.02272	.03248	.09013
2.900	5.915	.12214	.13810	.87811	-.15116	-.15387	-.14826	.04853	.01666	.02842	.06519
2.900	8.108	.18921	.15129	1.25066	-.15290	-.15820	-.15154	.03371	.01061	.02843	.04432
2.900	10.130	.24757	.16693	1.48307	-.15471	-.15924	-.15336	.02291	.00454	.02433	.02749
2.900	12.538	.31904	.19059	1.65298	-.15928	-.15929	-.15518	.01212	.00151	.02433	.01383
2.900	16.901	.43343	.24727	1.75286	-.16526	-.16098	-.16218	-.00135	-.00757	.02436	-.00692
2.900	20.762	.56319	.33114	1.70074	-.16901	-.16800	-.16574	-.01752	-.01665	.02029	-.03417
2.900	26.226	.71841	.46671	1.53931	-.16984	-.16803	-.16401	-.03636	-.02726	.01217	-.06359
2.900	31.395	.86315	.63431	1.36077	-.17235	-.17501	-.16929	-.05657	-.03784	.00000	-.09441
2.900	36.956	.99252	.85076	1.16663	-.17230	-.17322	-.16925	-.08493	-.05190	.00000	-.13643
2.900	42.173	1.08975	1.08900	1.00089	-.17223	-.17315	-.16918	-.11607	-.05763	.02645	-.17370
2.900	44.580	1.11498	1.19990	.92923	-.17404	-.17144	-.16922	-.12813	-.06062	.01219	-.18675
	GRADIENT	.03004	-.00327	.19811	-.00027	.00016	-.00043	-.00969	-.00542	.00000	-.01512

OA44 UPWT 1033 CONF-2A B10C30?H3F4,B7E10B5V5X16 (RPH808) (10 JUL 73)

REFERENCE DATA

BREF =	97.1500 SQ.IN.	XMRP =	15.1468 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
SREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 51/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC	CHET	CHEO	CHR	CHET
3.000	-4.407	-.13637	.12291	-1.10953	-.07113	-.07480	-.07203	.06832	.03726	.02937	.10358
3.000	-2.261	-.08360	.10960	-.65742	-.07112	-.07459	-.07204	.04684	.03070	.02939	.07755
3.000	-1.298	-.07494	.10499	-.71380	-.07114	-.07461	-.07206	.04094	.02629	.02349	.06723
3.000	-.223	-.05340	.10135	-.52581	-.07113	-.07480	-.07203	.03707	.02192	.02350	.05899
3.000	.875	-.03184	.09910	-.31829	-.07114	-.07461	-.06950	.03120	.01972	.02349	.05093
3.000	1.794	-.01247	.09783	-.12747	-.07114	-.07461	-.07206	.02925	.01753	.02349	.04678
3.000	3.040	.03040	.09769	.31116	-.07113	-.07480	-.06949	.01931	.01096	.02350	.03047
3.000	5.998	.07633	.10168	.75074	-.07368	-.07461	-.06950	.00975	.00877	.02349	.01932
3.000	8.066	.12471	.10979	1.13591	-.07369	-.07714	-.07206	.00780	.00438	.01762	.01214
3.000	10.131	.17308	.12367	1.41366	-.07368	-.07461	-.07461	.00390	.00219	.01762	.00609
3.000	12.486	.23442	.14490	1.62230	-.07623	-.07714	-.07461	.00000	.00000	.01762	.00000
3.000	16.389	.34328	.19510	1.75950	-.07877	-.07713	-.07716	-.00781	-.00658	.01763	-.01436
3.000	20.438	.45805	.26664	1.71784	-.07878	-.07714	-.07462	-.01560	-.01095	.01174	-.02655
3.000	25.885	.60640	.39131	1.54967	-.07879	-.07461	-.07462	-.02335	-.01753	.00587	-.04297
3.000	30.972	.75430	.55509	1.35887	-.07878	-.07714	-.07461	-.03901	-.02848	.01175	-.06750
3.000	36.227	.90126	.75130	1.17300	-.07878	-.07461	-.07461	-.04686	-.03945	.01175	-.09991
3.000	41.425	1.06672	.97849	1.01045	-.07623	-.07461	-.07206	-.05385	-.05360	.00587	-.13425
3.000	45.731	1.02360	1.08164	.94615	-.07368	-.08954	-.06694	-.09752	-.05479	.00587	-.15231
	GRADIENT	.01999	-.00298	.17252	-.00000	-.00000	.00030	-.00532	-.00318	-.00000	-.00848

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

0A44 UPWT 1035 CONF-2A B10C9D7N3P4W07E10R3V5X16 (RPNB06) (10 JUL 73)

REFERENCE DATA

SREF =	97.1360 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1227 INCHES	YMRP =	.0000 INCHES
BREF =	14.0908 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 32/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.978	-.12531	.11621	-1.07830	-.05143	-.05254	-.05265	.04732	.03079	.03000	.07811
4.600	-1.869	-.08458	.10269	-.82368	-.05143	-.05254	-.04939	.03487	.02519	.02250	.06006
4.600	-.821	-.06376	.09762	-.65317	-.05143	-.05578	-.05265	.02989	.01959	.02250	.04948
4.600	.210	-.04660	.09581	-.49677	-.05143	-.05578	-.04939	.02491	.01399	.02250	.03890
4.600	1.231	-.02933	.09113	-.32183	-.05143	-.05578	-.04939	.01993	.01399	.02250	.03392
4.600	2.287	-.00834	.08990	-.09281	-.05143	-.05578	-.04939	.01743	.01119	.02250	.02863
4.600	4.203	.02947	.09019	.32678	-.05141	-.05252	-.04936	.01497	.00841	.02254	.02337
4.600	6.353	.07409	.09366	.79109	-.05143	-.05254	-.05265	.00996	.00280	.02250	.01276
4.600	8.507	.12209	.10167	1.20079	-.05143	-.05254	-.05265	.00747	.00000	.01500	.00747
4.600	10.472	.16582	.11387	1.45627	-.05468	-.05254	-.05265	.00498	.00000	.01500	.00498
4.600	12.635	.22180	.13305	1.66710	-.05468	-.05254	-.05265	.00249	-.00560	.01500	-.00311
4.600	16.551	.33091	.18444	1.79419	-.05468	-.05254	-.05265	-.00249	-.00840	.01500	-.01089
4.600	20.762	.44680	.25873	1.72689	-.05467	-.05576	-.05590	-.00998	-.01401	.00751	-.02399
4.600	25.944	.58832	.38111	1.54371	-.05468	-.05578	-.05592	-.02242	-.01959	.00750	-.04201
4.600	31.124	.72435	.53558	1.35245	-.05794	-.05578	-.05265	-.03736	-.02519	.01500	-.06255
4.600	36.247	.84548	.72306	1.16932	-.05468	-.05254	-.05592	-.05479	-.03638	.00750	-.09118
4.600	41.378	.94415	.93299	1.01196	-.05468	-.05254	-.05265	-.07721	-.04758	.00750	-.12479
4.600	43.557	.97575	1.02449	.95243	-.05468	-.05254	-.04939	-.08717	-.05318	.00750	-.14035
	GRADIENT	.01870	-.00318	.17170	.00000	-.00016	.00038	-.00406	-.00287	-.00170	-.00693

OA44 UPWT 1035 CONF-2A B10C507H3F4W07E10R5V5X16 (RPNB09) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1463 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
2.500	-4.623	-.14994	.14592	-1.02758	-.15182	-.16506	-.15090	.05660	.02120	.03947	.07781
2.500	-2.474	-.08427	.13651	-.61728	-.15521	-.16669	-.15567	.04321	.01365	.03253	.05686
2.500	-1.415	-.05217	.13308	-.39198	-.15699	-.16848	-.15568	.03780	.00910	.03252	.04690
2.500	-.337	-.01309	.13111	-.13794	-.15709	-.16679	-.15755	.02986	.00606	.03248	.03572
2.500	.716	.01217	.12984	.09374	-.15705	-.16675	-.15751	.02293	.00152	.03250	.02445
2.500	1.705	.04044	.13007	.31093	-.15710	-.16505	-.15737	.01617	-.00303	.03247	.01314
2.500	3.815	.10415	.13401	.77722	-.15885	-.16504	-.15931	.00539	-.00909	.02842	-.00370
2.500	5.918	.16745	.14357	1.16637	-.16068	-.17208	-.16114	-.00608	-.01362	.02840	-.02171
2.500	8.154	.23436	.15888	1.47506	-.16408	-.17590	-.16634	-.02024	-.02122	.02438	-.04146
2.500	10.194	.29223	.17714	1.64968	-.16764	-.17377	-.16814	-.03102	-.02576	.02437	-.05676
2.500	12.543	.35729	.20321	1.75824	-.17120	-.17206	-.17171	-.04043	-.03160	.02435	-.07223
2.500	16.562	.46237	.26492	1.82084	-.17116	-.17202	-.16991	-.06204	-.04243	.02031	-.10447
2.500	20.602	.61251	.35348	1.73283	-.16590	-.16504	-.16462	-.08493	-.05433	.01624	-.13946
2.500	26.143	.77350	.49849	1.55169	-.16937	-.16849	-.16457	-.11604	-.07278	.00813	-.18882
2.500	31.321	.92587	.68570	1.35025	-.17118	-.17379	-.17189	-.15234	-.09089	.00000	-.24323
2.500	36.932	1.05381	.91169	1.15589	-.17999	-.17554	-.17877	-.19413	-.11210	-.00406	-.30624
2.500	42.344	1.15312	1.17323	.98288	-.18703	-.17728	-.18407	-.24270	-.12424	.01218	-.36694
2.500	44.584	1.17832	1.28585	.91637	-.18706	-.18082	-.18410	-.26270	-.13019	.01623	-.39289
	GRADIENT	.03007	-.00145	.21607	-.00073	.00011	-.00093	-.00619	-.00366	-.00037	-.00985

OA44 UPWT 1035 CONF-2A B1OC3D7M3F0A07E10R3V5X16 (RPNB09) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 34/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.356	-.11097	.11552	-.96060	-.07462	-.08051	-.07817	.01560	.00878	.02935	.02436
3.900	-2.231	-.07088	.10485	-.67599	-.07462	-.08050	-.07561	.00975	.00438	.02936	.01413
3.900	-1.237	-.05196	.10146	-.51214	-.07208	-.08051	-.07817	.00780	.00219	.02935	.00999
3.900	-.193	-.03322	.09900	-.33553	-.07205	-.08049	-.07559	.00585	.00219	.02938	.00805
3.900	.865	-.01428	.09704	-.14715	-.07462	-.08050	-.07561	.00390	-.00219	.02936	.00171
3.900	1.817	.00779	.09668	.08063	-.07462	-.08050	-.07561	.00195	-.00219	.02349	-.00024
3.900	3.889	.04795	.09795	.48931	-.07462	-.08050	-.07561	-.00195	-.00878	.02349	-.01071
3.900	5.967	.09364	.10345	.90518	-.07462	-.08050	-.07816	-.00585	-.01096	.01762	-.01680
3.900	8.094	.14779	.11364	1.30050	-.07461	-.08049	-.08071	-.01171	-.01535	.01763	-.02705
3.900	10.102	.19806	.12833	1.54334	-.07716	-.08050	-.08071	-.01756	-.01973	.01762	-.03728
3.900	12.388	.25980	.15078	1.72301	-.07717	-.08051	-.08073	-.02534	-.02409	.01174	-.04942
3.900	16.359	.37270	.20541	1.81445	-.07972	-.08304	-.08073	-.03897	-.03065	.01174	-.06982
3.900	20.498	.49756	.28488	1.74656	-.07716	-.08050	-.08072	-.05461	-.04164	.01175	-.09624
3.900	25.682	.65132	.41763	1.55956	-.07717	-.07798	-.08072	-.08187	-.05695	.00587	-.13882
3.900	30.993	.80230	.59174	1.35582	-.07972	-.08051	-.08072	-.11500	-.07447	.01174	-.18947
3.900	36.221	.93602	.80269	1.16511	-.07972	-.08050	-.08328	-.15402	-.09420	.00587	-.24822
3.900	41.516	1.04801	1.04916	.99890	-.07972	-.08051	-.08072	-.19884	-.11391	.00587	-.31275
3.900	43.695	1.08061	1.15442	.93606	-.07972	-.07797	-.07816	-.21641	-.12268	.00587	-.33909
	GRADIENT	.01923	-.00212	.17766	-.00006	.00000	.00030	-.00208	-.00203	-.00081	-.00411

OA44 UPWT 1035 CONF-2A B10C90TH3F4W8TE10RSV5X16 (RPNB08) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	5.000	RUDDER =	.000
BOFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 35/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.958	-.10344	.11114	-.93076	-.05263	-.05685	-.05719	.01244	.00559	.02248	.01604
4.600	-1.842	-.06628	.09817	-.66835	-.05261	-.06007	-.05718	.00748	.00560	.02252	.01308
4.600	-.841	-.04900	.09543	-.51343	-.05263	-.06008	-.05719	.00547	.00280	.02248	.01026
4.600	.195	-.02805	.09245	-.30346	-.05261	-.05683	-.05718	.00498	.00280	.02252	.00778
4.600	1.227	-.01454	.08998	-.16159	-.05261	-.05683	-.05718	.00498	.00000	.02252	.00498
4.600	2.172	.00670	.06979	.07458	-.05263	-.05685	-.05719	.00249	.00000	.02248	.00249
4.600	4.230	.04410	.09062	.48662	-.05263	-.05685	-.05719	.00000	-.00559	.01499	-.00559
4.600	6.292	.08528	.09523	.89556	-.05261	-.05683	-.05718	-.00498	-.00840	.01501	-.01339
4.600	8.436	.13696	.10457	1.30967	-.05586	-.06007	-.05718	-.00997	-.01400	.01501	-.02397
4.600	10.404	.18767	.11874	1.58048	-.05588	-.06008	-.06046	-.01493	-.01678	.01499	-.03171
4.600	12.711	.24663	.14024	1.75861	-.05588	-.06331	-.06048	-.01991	-.02237	.00749	-.04228
4.600	16.633	.36174	.19662	1.83964	-.05588	-.06331	-.06046	-.03484	-.02796	.00749	-.06280
4.600	20.736	.48315	.27543	1.75417	-.05588	-.06008	-.06048	-.04977	-.03915	.00749	-.08692
4.600	25.940	.63240	.40793	1.55027	-.05588	-.06008	-.06046	-.07466	-.04754	.00000	-.12220
4.600	31.079	.77779	.57459	1.35365	-.05588	-.05685	-.06048	-.10701	-.06711	.00749	-.17412
4.600	36.324	.90828	.78214	1.16127	-.05912	-.05683	-.06044	-.14455	-.08682	.00751	-.23136
4.600	41.532	1.01193	1.01300	.99895	-.05912	-.05683	-.05718	-.18692	-.10922	.00000	-.29614
4.600	43.655	1.04171	1.10828	.93994	-.05913	-.05685	-.05719	-.20407	-.11745	.00000	-.32151
	GRADIENT	.01798	-.00249	.17499	-.00000	.00022	-.00000	-.00145	-.00137	-.00070	-.00282

OA44 UPWT 1035 CONF-2A B1DC9D7N9F4W07E10R5V5X16 (RPNB10) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
SDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 36/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC	CHEI	CHEO	CHR	CHET
2.500	-4.752	-.16854	.15079	-1.10445	-.14833	-.15985	-.14875	.12002	.04849	.03655	.16851
2.500	-2.511	-.10107	.13881	-.72815	-.15009	-.15810	-.14875	.10114	.04546	.03655	.14660
2.500	-1.288	-.06541	.13432	-.48696	-.15012	-.15813	-.14878	.09032	.03332	.03654	.12364
2.500	-.404	-.03907	.13180	-.29641	-.15019	-.15844	-.14885	.08351	.03027	.03651	.11378
2.500	.805	-.00125	.12974	-.00964	-.15191	-.15841	-.15058	.07142	.02423	.03652	.09565
2.500	1.728	.02512	.12934	.19421	-.15188	-.15838	-.15055	.06336	.01969	.03248	.08305
2.500	3.798	.08302	.13178	.63004	-.15372	-.15820	-.15240	.04579	.01362	.03244	.05940
2.500	5.892	.14658	.13933	1.05207	-.15370	-.16168	-.15415	.02829	.00605	.03245	.03434
2.500	8.272	.21877	.15457	1.41531	-.15898	-.16518	-.15768	.01616	.00000	.02840	.01616
2.500	10.228	.27315	.17038	1.60321	-.16079	-.16697	-.15949	.00673	-.00454	.02838	.00219
2.500	12.449	.33537	.19417	1.72713	-.16427	-.16693	-.16298	-.00269	-.00908	.02839	-.01177
2.500	16.603	.45837	.25447	1.80127	-.16953	-.16866	-.16826	-.01752	-.01817	.02435	-.03368
2.500	20.894	.59164	.34196	1.73017	-.16774	-.16689	-.16293	-.03774	-.02878	.02030	-.06652
2.500	26.211	.74767	.47963	1.55884	-.17122	-.16859	-.16465	-.05933	-.03941	.01219	-.09877
2.500	31.757	.90396	.66712	1.35502	-.17119	-.17556	-.16816	-.08638	-.05308	.00813	-.13947
2.500	36.964	1.02666	.87784	1.16953	-.17651	-.17384	-.16996	-.11736	-.06670	.00000	-.18406
2.500	42.239	1.12289	1.12364	.99933	-.18003	-.17559	-.17350	-.15379	-.07579	.02031	-.22958
2.500	44.667	1.15045	1.24200	.92629	-.18180	-.17560	-.17350	-.16592	-.08034	.01625	-.24625
	GRADIENT	.02951	-.00227	.20755	-.00060	.00027	-.00045	-.00878	-.00450	-.00054	-.01328

OA44 UPWT 1035 CONF-2A B10C307N3F4A07E10R3V5X16 (RPNB10) (10 JUL 73)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 37/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.427	-.12203	.11728	-1.04052	-.07219	-.07611	-.07316	.04873	.02409	.02348	.07282
3.900	-2.197	-.07933	.10519	-.75409	-.07218	-.07610	-.07315	.03510	.01753	.02349	.05262
3.900	-1.283	-.06030	.10173	-.59280	-.07219	-.07610	-.07315	.02924	.01333	.02348	.04457
3.900	-.188	-.04171	.09850	-.42340	-.07217	-.07609	-.07314	.02731	.01096	.02350	.03827
3.900	.889	-.01992	.09637	-.20669	-.07218	-.07610	-.07315	.02145	.00676	.02349	.03021
3.900	1.821	-.00079	.09561	-.00824	-.07217	-.07609	-.07314	.01951	.00658	.02350	.02609
3.900	3.862	.03949	.09633	.40992	-.07473	-.07557	-.07315	.01365	.00436	.01762	.01803
3.900	6.126	.08779	.10143	.86545	-.07473	-.07557	-.07570	.00585	.00219	.01762	.00804
3.900	8.052	.13357	.10986	1.21587	-.07473	-.07810	-.07571	.00390	-.00219	.01761	.00171
3.900	10.014	.18435	.12344	1.49341	-.07473	-.07810	-.07571	.00195	-.00657	.01174	-.00462
3.900	12.414	.24634	.14556	1.69235	-.07728	-.07810	-.07827	-.00390	-.01095	.01174	-.01465
3.900	14.617	.30765	.20299	1.51115	-.07727	-.07809	-.07826	-.01365	-.01534	.01175	-.02699
3.900	20.541	.48269	.27592	1.74941	-.07982	-.07809	-.07826	-.02145	-.01972	.00587	-.04118
3.900	25.845	.63220	.40508	1.56069	-.07727	-.07810	-.07570	-.03706	-.02849	.00587	-.06554
3.900	30.657	.77310	.56367	1.37155	-.07728	-.07810	-.07827	-.05653	-.03943	.01174	-.09396
3.900	36.301	.90807	.77231	1.17579	-.07983	-.07558	-.07827	-.07990	-.05475	.00587	-.13465
3.900	41.430	1.01638	1.00406	1.01225	-.07983	-.07557	-.07571	-.10918	-.07010	.00587	-.17928
3.900	43.659	1.04869	1.10513	.94912	-.07728	-.07557	-.07315	-.12478	-.07449	.00587	-.19926
	GRADIENT	.01945	-.00252	.17677	-.00023	.00023	.00000	-.00415	-.00248	-.00053	-.00663

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W87E10R5V5X16 (RPNB10) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1489 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-10.000
AILRON =	5.000	RUDDER =	.000
BOFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 38/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.928	-.10299	.11049	-.93213	-.05279	-.05702	-.05407	.03480	.01676	.02245	.05155
4.600	-1.706	-.06595	.09825	-.67130	-.05279	-.05380	-.05407	.02485	.01117	.01497	.03602
4.600	-.850	-.04859	.09508	-.51102	-.05279	-.05702	-.05407	.02237	.00838	.01497	.03075
4.600	.188	-.03152	.09164	-.34399	-.05277	-.05378	-.05405	.01742	.00839	.01499	.02581
4.600	1.354	-.00689	.08953	-.07698	-.05277	-.05378	-.05405	.01493	.00559	.01499	.02053
4.600	2.271	.00682	.08868	.07691	-.05277	-.05701	-.05405	.01244	.00280	.01499	.01524
4.600	4.261	.04063	.08901	.45645	-.05279	-.05380	-.05407	.00994	.00000	.01497	.00994
4.600	6.192	.08180	.09299	.87961	-.05279	-.05380	-.05407	.00746	-.00559	.01497	.00187
4.600	8.423	.13334	.10236	1.30261	-.05279	-.05380	-.05407	.00497	-.00559	.00748	-.00061
4.600	10.378	.18068	.11507	1.57012	-.05604	-.05702	-.05407	.00249	-.00838	.00748	-.00589
4.600	12.808	.23942	.13624	1.75730	-.05604	-.05380	-.05407	-.00249	-.01117	.00748	-.01366
4.600	16.686	.35166	.19055	1.84555	-.05604	-.05702	-.05407	-.00746	-.01676	.00748	-.02421
4.600	20.782	.46373	.26435	1.75421	-.05602	-.05378	-.05732	-.01493	-.01958	.00750	-.03451
4.600	26.002	.61064	.39195	1.55794	-.05604	-.05380	-.05733	-.02982	-.03072	.00000	-.06054
4.600	31.056	.74634	.54674	1.36506	-.05604	-.05380	-.05733	-.04971	-.03910	.00748	-.08881
4.600	36.240	.87403	.74350	1.17556	-.05604	-.05380	-.05407	-.07208	-.05027	.00748	-.12235
4.600	41.628	.97950	.97209	1.00763	-.05604	-.05702	-.05407	-.10190	-.06703	.00000	-.16893
4.600	43.618	1.00963	1.06039	.95213	-.05604	-.05380	-.05407	-.11184	-.06982	.00000	-.18166
	GRADIENT	.01772	-.00259	.17398	.00000	.00023	.00000	-.00307	-.00201	-.00070	-.00908

OA44 UPWT 1035 CONF-2A B10C90TH3F4,07E10R3V3X16 (RPH811) (10 JUL 73)

REFERENCE DATA

BREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	8.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
BOFLAP =	-14.230	SPDBRK =	54.920

RUN NO. 39/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPBC	CHEI	CHEO	CHR	CHET
2.900	-4.649	-.19575	.16006	-1.22300	-.14659	-.13987	-.14347	.16582	.07272	.03654	.23854
2.900	-2.544	-.13039	.14572	-.89478	-.14666	-.13819	-.14178	.14682	.05903	.03651	.20584
2.900	-1.397	-.09897	.14028	-.69126	-.14654	-.13633	-.14185	.13624	.05305	.03656	.18929
2.900	-.370	-.06695	.13700	-.48869	-.14652	-.13806	-.14516	.12619	.04700	.03657	.17319
2.900	.680	-.03673	.13384	-.27446	-.14655	-.13634	-.14320	.11869	.04092	.03656	.15961
2.900	1.858	-.00107	.13215	-.00806	-.14838	-.13640	-.14327	.10512	.03634	.03247	.14146
2.900	3.773	.05322	.13269	.41618	-.14484	-.13639	-.14348	.08492	.03181	.03247	.11672
2.900	6.036	.12236	.13896	.88051	-.14488	-.13617	-.14883	.06332	.02271	.02640	.08603
2.900	8.149	.18730	.15108	1.23989	-.15196	-.13995	-.15240	.05117	.01665	.02639	.06782
2.900	10.127	.24604	.16654	1.47732	-.15371	-.13994	-.15415	.03906	.01211	.02639	.05116
2.900	12.765	.32067	.19361	1.65829	-.16073	-.16342	-.15943	.02695	.00606	.02434	.03300
2.900	16.675	.43695	.24981	1.74914	-.16775	-.16864	-.16648	.01213	.00000	.02435	.01213
2.900	20.901	.56469	.33320	1.69476	-.16954	-.17217	-.16650	-.00539	-.00908	.02029	-.01447
2.900	26.094	.71475	.46301	1.54370	-.16779	-.16693	-.16298	-.02020	-.01816	.01623	-.03836
2.900	31.689	.86862	.64404	1.34871	-.17132	-.17394	-.17006	-.03905	-.02675	.00406	-.06780
2.900	36.990	.99198	.85186	1.16448	-.17481	-.17741	-.17160	-.06197	-.03936	.00000	-.10134
2.900	42.455	1.09275	1.10172	.99186	-.17660	-.17044	-.17006	-.08888	-.04388	.03244	-.13276
2.900	44.965	1.11397	1.19932	.92884	-.17835	-.17392	-.17005	-.10102	-.04692	.01623	-.14794
	GRADIENT	.02989	-.00323	.19620	.00007	.00040	-.00024	-.00953	-.00498	-.00055	-.01450

OA44 UPWT 1035 CONF-2A B10C5D7H3F4,87E10R3V5X10 (RPNB11) (10 JUL 73)

REFERENCE DATA

SREF =	67.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 40/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.359	-.13578	.12215	-1.11158	-.07218	-.07557	-.07315	.07603	.04600	.02348	.12204
3.900	-2.248	-.09327	.10685	-.85683	-.07217	-.07556	-.07314	.06046	.03945	.02350	.09991
3.900	-1.208	-.07168	.10450	-.68595	-.07217	-.07556	-.07314	.05267	.03286	.02350	.08556
3.900	-.170	-.05299	.10128	-.52320	-.07217	-.07303	-.07058	.05072	.03069	.02350	.08141
3.900	.853	-.03111	.09888	-.31461	-.07217	-.07556	-.07314	.04097	.02630	.01762	.06727
3.900	1.748	-.01189	.09772	-.12172	-.07217	-.07302	-.07314	.03902	.02412	.02350	.06314
3.900	3.875	.03096	.09790	.31629	-.07216	-.07555	-.07313	.02927	.02193	.01763	.05119
3.900	6.061	.07954	.10185	.78095	-.07217	-.07556	-.07569	.01581	.01535	.01763	.03096
3.900	7.874	.11973	.10868	1.10168	-.07472	-.07556	-.07570	.01366	.01096	.01763	.02462
3.900	9.900	.17330	.12238	1.41605	-.07472	-.07809	-.07570	.00975	.00877	.01763	.01852
3.900	12.341	.23548	.14393	1.63447	-.07727	-.07809	-.07826	.00585	.00438	.01175	.01024
3.900	16.320	.34616	.19578	1.76815	-.07982	-.07809	-.07826	.00195	.00000	.01175	.00195
3.900	20.489	.46625	.27033	1.72467	-.07983	-.07810	-.07827	-.00585	-.00438	.00587	-.01023
3.900	25.894	.61570	.39859	1.54472	-.07728	-.07810	-.07571	-.01364	-.01314	.00587	-.02679
3.900	31.034	.75856	.55924	1.35641	-.07728	-.07810	-.07827	-.02534	-.02190	.00587	-.04724
3.900	36.195	.88428	.75263	1.17491	-.07983	-.07810	-.07827	-.04094	-.03067	.00587	-.07161
3.900	41.400	.98982	.97859	1.01147	-.07727	-.07810	-.07570	-.06045	-.03725	.00000	-.09770
3.900	45.855	1.02278	1.07747	.94923	-.07474	-.07305	-.07061	-.07014	-.04160	.00000	-.11174
	GRADIENT	.02024	-.00292	.17545	.00000	.00012	.00000	-.00563	-.00311	-.00069	-.00874

OA44 UPWT 1035 CONF-2A B1OC5D7N3F4W87E10R5V5X16 (RPNB11) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-20.000
AILRON =	5.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 41/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.978	-.12082	.11558	-1.04533	-.05279	-.05360	-.05081	.06213	.04169	.01497	.10403
4.600	-1.772	-.06016	.10214	-.78477	-.05279	-.05360	-.05081	.04722	.03351	.01497	.08074
4.600	-.942	-.06672	.09611	-.69008	-.05279	-.05360	-.05407	.04225	.03072	.01497	.07297
4.600	.220	-.04246	.09392	-.45213	-.05279	-.05360	-.05081	.03480	.02514	.01497	.05993
4.600	1.223	-.02883	.09179	-.31410	-.05279	-.05360	-.05081	.02982	.02234	.01497	.05217
4.600	2.188	-.00771	.09025	-.08545	-.05279	-.05360	-.05081	.02734	.01955	.01497	.04689
4.600	4.267	.03327	.09021	.36877	-.05279	-.05360	-.05081	.01988	.01396	.01497	.03383
4.600	6.249	.07437	.09336	.79657	-.05279	-.05360	-.05081	.01491	.00838	.01497	.02329
4.600	8.426	.12224	.10168	1.20218	-.05279	-.05360	-.05407	.01243	.00559	.00748	.01601
4.600	10.279	.16624	.11312	1.46965	-.05604	-.05360	-.05407	.00994	.00279	.00748	.01273
4.600	12.676	.22518	.13359	1.68569	-.05604	-.05360	-.05733	.00746	-.00279	.00748	.00466
4.600	16.688	.33711	.18724	1.80043	-.05604	-.05360	-.05407	.00249	-.00559	.00748	-.00310
4.600	20.831	.45205	.26113	1.73111	-.05604	-.05360	-.05733	-.00249	-.00838	.00748	-.01086
4.600	25.961	.59418	.38384	1.54800	-.05604	-.05360	-.05733	-.00994	-.01396	.00000	-.02391
4.600	30.993	.72611	.53475	1.35758	-.05604	-.05360	-.05733	-.02237	-.01955	.00748	-.04192
4.600	36.324	.85223	.72967	1.16797	-.05604	-.05360	-.05407	-.03480	-.02793	.00000	-.06272
4.600	41.384	.94788	.93718	1.01141	-.05604	-.05360	-.05407	-.05219	-.03631	.00000	-.08690
4.600	43.816	.98351	1.03494	.95031	-.05604	-.05360	-.05081	-.05965	-.03910	.00000	-.09675
	GRADIENT	.01655	-.00306	.17211	.00000	.00000	.00008	-.00514	-.00344	-.00000	-.00457

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

OA44 UPWT 1035 CONF-2A B10C3D7N3F4A8PE10R3V9X16 (RPHB12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 42/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC	CHEI	CHEO	CHR	CHET
2.900	-4.565	-.14932	.14639	-1.01998	-.15070	-.16213	-.14940	.03368	.00454	.17040	.03922
2.900	-2.443	-.08354	.13701	-.60973	-.15805	-.16745	-.15477	.02019	-.00302	.16620	.01716
2.900	-1.404	-.05148	.13363	-.38520	-.15774	-.16584	-.15646	.01482	-.00757	.16230	.00725
2.900	-.351	-.01935	.13200	-.14657	-.15947	-.16562	-.15820	.00809	-.01060	.16236	-.00251
2.900	.721	.01281	.13103	.09772	-.15937	-.16552	-.15809	.00270	-.01365	.15855	-.01095
2.900	1.700	.04114	.13137	.31317	-.15949	-.16388	-.15821	-.00270	-.01817	.15828	-.02087
2.900	3.825	.10275	.13489	.76173	-.15776	-.16391	-.15824	-.01482	-.02422	.15010	-.03903
2.900	5.939	.16815	.14436	1.16474	-.15947	-.17087	-.15997	-.02830	-.03029	.14613	-.05860
2.900	8.168	.23439	.15961	1.46855	-.16479	-.17440	-.16354	-.04041	-.03936	.13388	-.07977
2.900	10.209	.29257	.17739	1.64933	-.16652	-.17262	-.16528	-.05122	-.04392	.12583	-.09513
2.900	12.535	.35555	.20296	1.75186	-.17007	-.16914	-.16883	-.06197	-.05147	.11766	-.11345
2.900	16.545	.46216	.26530	1.81740	-.17006	-.16564	-.16883	-.08623	-.06510	.11768	-.15134
2.900	20.612	.61589	.35522	1.73382	-.16480	-.16391	-.16178	-.11314	-.08173	.10952	-.19487
2.900	26.145	.77779	.50094	1.55267	-.17006	-.16739	-.16530	-.15090	-.10295	.08927	-.25385
2.900	31.568	.93087	.68896	1.35113	-.17003	-.17261	-.16880	-.19142	-.12724	.05684	-.31866
2.900	36.904	1.06057	.91450	1.15973	-.18064	-.17615	-.17415	-.24111	-.15136	.03245	-.39248
2.900	42.348	1.15654	1.17491	.98436	-.18945	-.17267	-.17948	-.29490	-.16493	.04055	-.45983
2.900	44.539	1.18293	1.28632	.91962	-.19116	-.17610	-.18294	-.31686	-.17272	.03655	-.48958
	GRADIENT	.03007	-.00137	.21502	-.00384	.00000	-.00100	-.00573	-.00344	-.00229	-.00917

OA44 UPWT 1035 CO/F-2A 810C30YH3F4,8TE108R3V5X18 (RPMB12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	13.1489 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BOFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 43/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.374	-.10831	.11565	-.94526	-.07296	-.07626	-.07397	.00780	.00219	.12918	.00999
3.900	-2.202	-.07219	.10495	-.68784	-.07295	-.07625	-.07908	.00390	.00000	.11748	.00390
3.900	-1.246	-.05353	.10139	-.52597	-.07550	-.07626	-.07653	.00195	-.00438	.11746	-.00243
3.900	-.186	-.03141	.09096	-.31741	-.07550	-.07879	-.07653	-.00195	-.00438	.11136	-.00633
3.900	.853	-.01248	.09725	-.12834	-.07551	-.07626	-.07653	-.00390	-.00657	.11135	-.01047
3.900	1.801	.00658	.09715	.06771	-.07550	-.07626	-.07397	-.00585	-.00876	.11136	-.01461
3.900	3.032	.04976	.09832	.50617	-.07551	-.07626	-.07653	-.01170	-.01314	.11135	-.02484
3.900	5.980	.09533	.10377	.91865	-.07550	-.07626	-.07653	-.01755	-.01753	.10371	-.03506
3.900	8.187	.14903	.11417	1.30539	-.07550	-.07626	-.07909	-.02340	-.02410	.08808	-.04750
3.900	10.077	.19942	.13000	1.53404	-.07550	-.07879	-.07908	-.03120	-.02849	.08222	-.05969
3.900	12.698	.26995	.15418	1.74626	-.07805	-.07879	-.07909	-.04094	-.03505	.07046	-.07800
3.900	16.519	.37855	.20030	1.82211	-.07805	-.07879	-.07909	-.05849	-.04620	.05872	-.10669
3.900	20.381	.48379	.28796	1.74949	-.07805	-.07879	-.07909	-.07995	-.06135	.05285	-.14130
3.900	25.775	.63476	.41981	1.59929	-.07805	-.07626	-.07908	-.11505	-.08108	.03524	-.19613
3.900	31.048	.80803	.59564	1.35656	-.07805	-.07879	-.08164	-.15403	-.10297	.02936	-.25701
3.900	36.334	.94292	.80905	1.16547	-.08060	-.07879	-.07909	-.19890	-.12928	.01762	-.32918
3.900	41.475	1.05068	1.04759	1.00296	-.08060	-.07879	-.07909	-.24763	-.15337	.01174	-.40100
3.900	43.793	1.08731	1.19855	.93770	-.08060	-.07626	-.07653	-.27292	-.16210	.00010	-.43501
	GRADIENT	.01940	-.00209	.17906	-.00036	-.00000	-.00001	-.00240	-.00188	-.00237	-.00429

OA44 UPWT 1033 CONF-2A B10C50TM3F4@87E108R3V3X16 (RPNB12) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	-10.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 44/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.975	-.10068	.11364	-.88596	-.05377	-.05467	-.05837	.00249	.00000	.11238	.00249
4.600	-1.883	-.06707	.10148	-.66090	-.05377	-.05789	-.05511	.00000	-.00279	.09738	-.00279
4.600	-.818	-.05006	.09750	-.51345	-.05377	-.05467	-.05511	-.00249	-.00559	.09738	-.00808
4.600	.205	-.02538	.09248	-.27445	-.05375	-.05788	-.05509	-.00249	-.00560	.09732	-.00809
4.600	1.349	-.00828	.09154	-.09027	-.05377	-.05789	-.05511	-.00497	-.00559	.09738	-.01056
4.600	2.140	.00565	.08953	.06285	-.05377	-.05467	-.05511	-.00746	-.01118	.09738	-.01964
4.600	4.334	.05038	.09081	.55479	-.05377	-.05467	-.05511	-.00746	-.01397	.09738	-.02144
4.600	6.341	.09140	.09529	.95925	-.05377	-.05467	-.05511	-.01492	-.01677	.09240	-.03169
4.600	8.331	.13613	.10392	1.30993	-.05375	-.05788	-.05836	-.01993	-.02239	.08751	-.04232
4.600	10.315	.18718	.11759	1.59151	-.05375	-.05788	-.05836	-.02740	-.02519	.08001	-.05259
4.600	12.762	.24908	.14005	1.77848	-.05702	-.05789	-.05837	-.03731	-.03354	.04494	-.07085
4.600	16.727	.36389	.19678	1.84918	-.05702	-.05789	-.05837	-.05223	-.04472	.03745	-.09695
4.600	20.725	.48146	.27487	1.75159	-.05702	-.05789	-.05837	-.07213	-.05590	.02996	-.12803
4.600	25.875	.63222	.40413	1.56431	-.05702	-.05789	-.05837	-.10447	-.07546	.01498	-.17993
4.600	31.090	.77683	.57147	1.35935	-.05702	-.05789	-.05837	-.14426	-.09782	.01498	-.24208
4.600	36.333	.90463	.77918	1.16099	-.05702	-.05789	-.05837	-.18903	-.12298	.00749	-.31201
4.600	41.425	1.00818	1.00454	1.00361	-.05702	-.05789	-.05837	-.23529	-.14813	.00000	-.38442
4.600	43.720	1.03981	1.10473	.94124	-.05702	-.05467	-.05511	-.25619	-.15652	.00000	-.41270
	GRADIENT	.01921	-.00279	.17555	.00000	.00007	.00030	-.00131	-.00166	-.00139	-.00297

GA44 UPWT 1035 CONF-2A 810C30THSF4X16 (RF:813) (10 JUL 73)

REFERENCE DATA

SREF = 87.1500 SQ.IN. XMRP = 13.1400 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0902 INCHES ZMRP = 6.3000 INCHES
SCALE = .0190 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -14.250

RUN NO. 45/ 0 RN/L = 8.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPBC	CHEI	CHEO	CHR	CHET
2.900	-4.404	-.00965	.08148	-.75806	-.19898	-.17083	-.14936	.00000	.00000	.00000	.00000
2.900	-2.170	-.04923	.08508	-.37445	-.15804	-.17098	-.14943	.00000	.00000	.00000	.00000
2.900	-1.201	-.04179	.08385	-.49844	-.15430	-.17 J	-.14769	.00000	.00000	.00000	.00000
2.900	-.709	-.03645	.08137	-.44790	-.15430	-.16824	-.14768	.00000	.00000	.00000	.00000
2.900	.813	-.02710	.07854	-.34075	-.15083	-.16928	-.14987	.00000	.00000	.00000	.00000
2.900	1.745	-.02160	.07807	-.27673	-.14906	-.16753	-.14996	.00000	.00000	.00000	.00000
2.900	3.935	-.00966	.07536	-.07771	-.14726	-.16050	-.14992	.00000	.00000	.00000	.00000
2.900	5.930	.01014	.07534	.13454	-.14988	-.16048	-.14989	.00000	.00000	.00000	.00000
2.900	8.153	.02959	.07927	.37327	-.15778	-.16572	-.15471	.00000	.00000	.00000	.00000
2.900	9.930	.04732	.08316	.57141	-.16830	-.17445	-.16528	.00000	.00000	.00000	.00000
2.900	12.897	.07201	.08757	.82227	-.16485	-.17448	-.16534	.00000	.00000	.00000	.00000
2.900	16.353	.10068	.10673	1.22439	-.16685	-.16928	-.16715	.00000	.00000	.00000	.00000
2.900	20.478	.10954	.13812	1.37231	-.16835	-.16922	-.16709	.00000	.00000	.00000	.00000
2.900	25.995	.25960	.10943	1.37043	-.17542	-.17624	-.17419	.00000	.00000	.00000	.00000
2.900	30.767	.33021	.26209	1.29992	-.18772	-.18671	-.18653	.00000	.00000	.00000	.00000
2.900	36.118	.39364	.35258	1.11645	-.17129	-.19373	-.19012	.00000	.00000	.00000	.00000
2.900	41.108	.44678	.45295	.98636	-.19128	-.19200	-.18835	.00000	.00000	.00000	.00000
2.900	43.290	.46424	.49829	.93167	-.18777	-.18951	-.18482	.00000	.00000	.00000	.00000
	GRADIENT	.00751	-.00198	.08019	.00153	.00116	.00051	.00000	.00000	.00000	.00000

OA44 UPWT 1035 CONF-2A B10C5D7M3F4X16 (RPNB13) (10 JUL 73)

REFERENCE DATA

SREF = 67.1580 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0502 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -14.850

RUN NO. 46/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.152	-.06290	.07445	-.84510	-.07557	-.07891	-.07913	.00000	.00000	.00000	.00000
3.900	-2.173	-.04623	.06800	-.67994	-.07557	-.07891	-.07912	.00000	.00000	.00000	.00000
3.900	-1.036	-.04082	.06495	-.62850	- 07557	-.07890	-.07656	.00000	.00000	.00000	.00000
3.900	-.059	-.03237	.06288	-.51647	-.07557	-.07890	-.07656	.00000	.00000	.00000	.00000
3.900	1.009	-.02681	.06071	-.44160	-.07301	-.07636	-.07399	.00000	.00000	.00000	.00000
3.900	1.917	-.01834	.06182	-.29662	-.07302	-.07638	-.07657	.00000	.00000	.00000	.00000
3.900	3.933	-.00560	.05925	-.09456	-.07303	-.07638	-.07402	.00000	.00000	.00000	.00000
3.900	6.191	.01003	.05636	.17791	-.07558	-.07638	-.07657	.00000	.00000	.00000	.00000
3.900	8.182	.02859	.05877	.48646	-.07557	-.07385	-.07657	.00000	.00000	.00000	.00000
3.900	10.049	.04421	.06157	.71797	-.07558	-.07638	-.07913	.00000	.00000	.00000	.00000
3.900	12.433	.06946	.06762	1.02709	-.07812	-.07891	-.07657	.00000	.00000	.00000	.00000
3.900	16.450	.11979	.08699	1.37711	-.07812	-.07638	-.07913	.00000	.00000	.00000	.00000
3.900	20.475	.17300	.11615	1.48933	-.07812	-.07637	-.07912	.00000	.00000	.00000	.00000
3.900	25.635	.24177	.16826	1.43688	-.07811	-.07637	-.07912	.00000	.00000	.00000	.00000
3.900	30.529	.30766	.23519	1.30815	-.07812	-.07637	-.08168	.00000	.00000	.00000	.00000
3.900	35.884	.36870	.32231	1.14322	-.08066	-.07637	-.08168	.00000	.00000	.00000	.00000
3.900	41.219	.42605	.42770	.99614	-.07812	-.07637	-.07912	.00000	.00000	.00000	.00000
3.900	43.044	.44225	.46596	.94912	-.07812	-.07638	-.07913	.00000	.00000	.00000	.00000
	GRADIENT	.00702	-.00182	.09275	.00042	.00042	.00067	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF-2A B10C5D7M3F4X16 (RPNB13) (10 JUL 73)

REFERENCE DATA

SREF = 87.1360 SQ.IN. XMRP = 13.1469 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0902 INCHES ZMRP = 0.0000 INCHES
SCALE = .0190 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -14.250

RUN NO. 47/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC	CHEI	CHEO	CHR	CHET
4.600	-3.770	-.05897	.07099	-.83065	-.05387	-.05483	-.05517	.00000	.00000	.00000	.00000
4.600	-1.740	-.04476	.06416	-.69763	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	-.829	-.03745	.06157	-.60825	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	.373	-.03006	.05798	-.51852	-.05385	-.05481	-.05189	.00000	.00000	.00000	.00000
4.600	1.425	-.02263	.05574	-.40605	-.05385	-.05481	-.05189	.00000	.00000	.00000	.00000
4.600	2.321	-.01521	.05396	-.28188	-.05387	-.05483	-.05517	.00000	.00000	.00000	.00000
4.600	4.372	-.00219	.05242	-.04185	-.05385	-.05158	-.05189	.00000	.00000	.00000	.00000
4.600	6.461	.01094	.05125	.21342	-.05385	-.05481	-.05189	.00000	.00000	.00000	.00000
4.600	8.521	.02766	.05296	.52216	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	10.487	.04787	.05691	.84122	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	12.458	.06640	.06290	1.05558	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	16.641	.11728	.08146	1.43973	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	20.646	.16879	.11077	1.52390	-.05385	-.05158	-.05842	.00000	.00000	.00000	.00000
4.600	25.652	.23541	.16216	1.45167	-.05385	-.05158	-.05516	.00000	.00000	.00000	.00000
4.600	30.806	.30030	.22785	1.31799	-.05710	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	36.103	.36203	.31634	1.14442	-.05710	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	40.950	.40965	.40753	1.00520	-.05710	-.05481	-.05516	.00000	.00000	.00000	.00000
4.600	45.306	.42924	.45009	.95367	-.05385	-.05481	-.05516	.00000	.00000	.00000	.00000
	GRADIENT	.00701	-.00234	.09743	.00000	.00030	.00039	.00000	.00000	.00000	.00000

OA44 UPWT 1035 CONF-2A B10C5D7M3F4W07E10R3V5X10 (RPH814) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	8.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

ALPHA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 8/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.052	-.02459	.09922	-.24786	-.07347	-.07689	-.07186	.00195	-.01095	-.08605	-.00900
3.900	-2.029	-.02632	.09836	-.26754	-.07601	-.07688	-.07185	.00195	-.01098	-.02937	-.00901
3.900	-1.029	-.02422	.09805	-.24703	-.07346	-.07688	-.06929	.00195	-.01096	.00000	-.00901
3.900	-.014	-.02500	.09801	-.25505	-.07347	-.07689	-.06931	.00195	-.00876	.02935	-.00681
3.900	1.007	-.02585	.09809	-.26351	-.07346	-.07688	-.06930	.00195	-.00877	.05286	-.00682
3.900	2.022	-.02668	.09881	-.27001	-.07346	-.07688	-.06929	.00195	-.00877	.08224	-.00682
3.900	4.055	-.02547	.10032	-.25383	-.07347	-.07689	-.07186	.00390	-.00876	.12330	-.00486
3.900	6.088	-.02445	.10152	-.24078	-.07602	-.07689	-.07442	.00390	-.00876	.17028	-.00486
	GRADIENT	-.00014	.00013	-.00107	.00012	-.00000	.00012	.00018	.00036	.02634	.00034

RUN NO. 14/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-4.054	-.01828	.09163	-.19955	-.05439	-.05220	-.05238	-.00249	-.01121	-.09762	-.01370
4.600	-1.998	-.01935	.09004	-.22048	-.05439	-.05220	-.05238	-.00249	-.01121	-.04506	-.01370
4.600	-1.024	-.01698	.08997	-.18759	-.05441	-.05222	-.05240	-.00249	-.01119	-.01500	-.01368
4.600	-.010	-.01754	.08959	-.19580	-.05441	-.05222	-.04913	-.00498	-.01119	.01503	-.01617
4.600	1.003	-.01834	.09011	-.20356	-.05113	-.05220	-.04911	-.00499	-.01121	.05257	-.01619
4.600	1.998	-.01908	.09094	-.20977	-.05439	-.05220	-.05238	-.00499	-.00841	.07510	-.01339
4.600	4.067	-.01683	.09254	-.18188	-.05441	-.05222	-.05240	-.00498	-.01119	.13497	-.01617
4.600	6.077	-.01868	.09399	-.19871	-.05441	-.05222	-.05240	-.00498	-.01119	.17997	-.01617
	GRADIENT	.00014	.00013	.00179	.00007	-.00000	.00007	-.00041	.00013	.02913	-.00028

OA44 UPWT 1035 CONF-2A B1DC5D7N3F4W07E10R3V5X16 (RPNB15) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

ALPHA =	20.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 9/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.136	.50845	.28778	1.76681	-.07856	-.07688	-.07697	-.07412	-.05917	.00000	-.13329
3.900	-2.059	.50903	.28840	1.76501	-.07856	-.07689	-.07697	-.07410	-.05916	.01174	-.13326
3.900	-1.041	.50826	.28783	1.76567	-.07856	-.07689	-.07697	-.07409	-.06135	.01174	-.13544
3.900	-.008	.50812	.28697	1.77060	-.07855	-.07435	-.07440	-.07413	-.06138	.00588	-.13551
3.900	1.007	.50686	.28723	1.76463	-.07856	-.07435	-.07697	-.07410	-.06136	.00587	-.13546
3.900	2.040	.50602	.28711	1.76247	-.07856	-.07435	-.07441	-.07410	-.06354	.00000	-.13764
3.900	4.142	.50699	.28740	1.76408	-.07856	-.07436	-.07697	-.07408	-.06572	.01761	-.13980
3.900	6.202	.50522	.28746	1.75755	-.07856	-.07688	-.07697	-.07215	-.06574	.04698	-.13789
	GRADIENT	-.00030	-.00011	-.00040	.00000	.00041	.00012	.00000	-.00081	.00096	-.00060

RUN NO. 15/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-4.102	.49351	.27624	1.78656	-.05439	-.05220	-.05238	-.07231	-.05604	-.00791	-.12835
4.600	-2.040	.49458	.27742	1.78274	-.05766	-.05222	-.05240	-.07221	-.05596	.00000	-.12816
4.600	-1.015	.49409	.27673	1.78548	-.05766	-.05222	-.05567	-.07221	-.05596	.00000	-.12816
4.600	-.006	.49357	.27606	1.78777	-.05766	-.05222	-.05240	-.07221	-.05876	.00000	-.13096
4.600	1.025	.49628	.27748	1.78853	-.05766	-.05222	-.05567	-.06972	-.05876	.00000	-.12847
4.600	2.027	.49544	.27767	1.78430	-.05766	-.05222	-.05240	-.06972	-.06155	.00000	-.13127
4.600	4.097	.49449	.27778	1.78011	-.05764	-.05220	-.05565	-.06982	-.06445	.01502	-.13426
4.600	6.139	.49277	.27759	1.77515	-.05764	-.05220	-.05565	-.06982	-.06445	.03755	-.13426
	GRADIENT	.00018	.00017	-.00046	-.00030	-.00000	-.00031	.00041	-.00111	.00210	-.00070

OA44 UPWT 1035 CONF-2A B10C5D7W3F4W87E10R5V9X16 (RPN816) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	13.1469 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

ALPHA =	30.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 10/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.142	.81548	.59713	1.36564	-.07856	-.07435	-.07697	-.14625	-.10079	-.03523	-.24704
3.900	-2.055	.81414	.59595	1.36611	-.07856	-.07435	-.07441	-.14627	-.10081	-.01782	-.24709
3.900	-1.022	.81355	.59503	1.36724	-.07856	-.07435	-.07697	-.14628	-.10082	.00000	-.24710
3.900	-.015	.81485	.59609	1.36698	-.07856	-.07435	-.07697	-.14627	-.10300	.01175	-.24927
3.900	.993	-.95711	-.40681	2.35272	-.07856	-.07688	-.07697	-.14628	-.10520	.02350	-.25148
3.900	2.037	.81525	.59712	1.36529	-.08111	-.07689	-.07442	-.14428	-.10517	.03523	-.24945
3.900	4.141	.81352	.59669	1.36340	-.07856	-.07689	-.07441	-.14430	-.10737	.04698	-.25167
3.900	6.219	.81191	.59608	1.36208	-.08111	-.07688	-.07441	-.14431	-.10737	.05873	-.25168
	GRADIENT	-.03981	-.02244	.02184	-.00012	-.00041	.00024	.00027	-.00091	.01056	-.00064

RUN NO. 16/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-4.109	.78737	.57669	1.36554	-.05766	-.05222	-.05567	-.14192	-.09793	-.02999	-.23985
4.600	-2.041	.78925	.57725	1.36721	-.05766	-.05546	-.05240	-.14192	-.09793	-.01500	-.23985
4.600	-1.031	.79145	.57874	1.36753	-.05766	-.05546	-.05240	-.14192	-.09793	-.00750	-.23985
4.600	.013	.79223	.57853	1.36939	-.05764	-.05220	-.05565	-.14213	-.10087	.00751	-.24300
4.600	1.020	.79024	.57771	1.36788	-.05766	-.05222	-.05240	-.13943	-.10072	.01500	-.24016
4.600	2.030	.78972	.57705	1.36855	-.05766	-.05222	-.05240	-.13943	-.10072	.01500	-.24016
4.600	4.108	.78932	.57712	1.36769	-.05764	-.05220	-.05238	-.13964	-.10367	.03004	-.24331
4.600	6.163	.78791	.57641	1.36693	-.05764	-.05220	-.05565	-.13964	-.10367	.04506	-.24331
	GRADIENT	.00018	.00002	.00027	.00000	.00023	.00031	.00038	-.00073	.00749	-.00034

OA44 UPWT 1035 CONF-2A B10C5D7H3F4W87E18R5V5X18 (RPNB17) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	13.1469 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

ALPHA =	40.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 11/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
3.900	-4.150	1.05880	1.05300	1.00550	-.07856	-.07435	-.07185	-.23409	-.15125	-.01175	-.38534
3.900	-2.064	1.05736	1.05152	1.00555	-.07856	-.07435	-.07441	-.23600	-.15123	-.00587	-.38723
3.900	-1.039	1.06000	1.05547	1.00429	-.07856	-.07436	-.07442	-.23786	-.15117	.00000	-.38902
3.900	-.007	1.05891	1.05542	1.00331	-.07858	-.07436	-.07442	-.23981	-.15117	.00587	-.39098
3.900	1.027	1.05587	1.05359	1.00301	-.07857	-.07436	-.07442	-.23977	-.15114	.01174	-.39091
3.900	2.062	1.05885	1.05319	1.00537	-.07856	-.07435	-.07186	-.23994	-.14899	.01174	-.38883
3.900	4.173	1.05537	1.05091	1.00424	-.07856	-.07435	-.07185	-.23989	-.14903	.01762	-.38892
3.900	6.262	1.05075	1.04809	1.00252	-.07857	-.07183	-.06931	-.23585	-.14894	.03522	-.38479
	GRADIENT	-.00027	-.00016	-.00011	-.00000	.00000	.00012	-.00075	.00031	.00377	-.00044

RUN NO. 17/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CL	CD	L/D	CPB	CPBM	CPSC	CHEI	CHEO	CHR	CHET
4.600	-4.127	1.01840	1.01017	1.00815	-.05441	-.05222	-.04913	-.22409	-.14549	-.00750	-.36958
4.600	-2.045	1.02011	1.01188	1.00833	-.05441	-.05222	-.04913	-.22658	-.14549	-.00750	-.37207
4.600	-1.009	1.01962	1.01094	1.00859	-.05441	-.04899	-.05240	-.22658	-.14549	.00000	-.37207
4.600	.020	1.02327	1.01444	1.00871	-.05439	-.05220	-.05238	-.22940	-.14570	.00000	-.37511
4.600	1.011	1.02207	1.01468	1.00728	-.05439	-.05220	-.04911	-.22940	-.14570	.00000	-.37511
4.600	2.066	1.02009	1.01253	1.00747	-.05441	-.05222	-.05240	-.22907	-.14549	.00000	-.37456
4.600	4.132	1.01906	1.01148	1.00749	-.05441	-.04899	-.04913	-.22907	-.14549	.00750	-.37456
4.600	6.191	1.01548	1.00765	1.00776	-.05441	-.05222	-.04913	-.22658	-.14549	.02250	-.37207
	GRADIENT	.00012	.00025	-.00013	.00000	.00023	-.00009	-.00064	-.00000	.00173	-.00065

OA44 UPWT 1035 CONF4 B19C7E23F5H4R5V7W107X16 (RPNB19) (10 JUL 73)

REFERENCE DATA

SREF =	67.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.850	SPOBRK =	54.920

RUN NO. 91/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
2.500	-4.912	-.16436	.14899	-1.25440	-.14973	-.15614	-.14298
2.500	-2.762	-.12238	.13483	-.90901	-.14983	-.16130	-.15018
2.500	-1.668	-.09231	.13010	-.70953	-.15165	-.16155	-.15024
2.500	-.661	-.06194	.12683	-.48839	-.15161	-.16326	-.15197
2.500	.433	-.03169	.12423	-.25509	-.15166	-.16156	-.15025
2.500	1.440	-.00122	.12333	-.00988	-.15169	-.15982	-.15204
2.500	3.461	.05501	.12366	.44488	-.15522	-.16158	-.15382
2.500	5.817	.12481	.12985	.96118	-.15867	-.16326	-.15728
2.500	7.881	.19069	.14031	1.35908	-.16053	-.16161	-.15915
2.500	9.873	.25177	.15495	1.62483	-.16411	-.16316	-.16274
2.500	12.142	.32099	.17786	1.80471	-.17108	-.16859	-.16798
2.500	16.236	.44910	.23590	1.90378	-.17818	-.17390	-.17510
2.500	20.534	.58806	.32049	1.83486	-.17993	-.17563	-.17509
2.500	25.726	.74825	.45354	1.64979	-.17986	-.17906	-.17855
2.500	31.305	.90868	.63477	1.43132	-.17279	-.17379	-.16969
2.500	36.719	1.04269	.85436	1.22044	-.17456	-.17029	-.16792
2.500	41.679	1.14148	1.09510	1.04236	-.17635	-.17032	-.17149
2.500	44.256	1.17077	1.20972	.96780	-.17636	-.17383	-.17150
	GRADIENT	.02865	-.00279	.20545	-.00058	-.00042	-.00107

OA44 UPWT 1035 CONF4 B19C7E23F9H4R5VTV107X16 (RPNB19) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 52/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.70/ 9.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC
3.900	-4.475	-.13755	.11905	-1.19558	-.07448	-.07031	-.07532
3.900	-2.359	-.10012	.10385	-.96409	-.07448	-.07046	-.07534
3.900	-1.351	-.08134	.09987	-.81446	-.07446	-.07297	-.07532
3.900	-.297	-.06240	.09587	-.65019	-.07446	-.07297	-.07532
3.900	.732	-.04319	.09323	-.46328	-.07447	-.07297	-.07533
3.900	1.892	-.02106	.09190	-.23015	-.07448	-.07552	-.07534
3.900	3.789	.02236	.09082	.24623	-.07447	-.07551	-.07533
3.900	5.848	.06571	.09298	.70663	-.07703	-.07552	-.07534
3.900	7.992	.11774	.10036	1.17318	-.07700	-.07549	-.07532
3.900	9.974	.16880	.11103	1.50947	-.07703	-.07805	-.07790
3.900	12.310	.23185	.13158	1.76203	-.07956	-.07550	-.07788
3.900	16.231	.34473	.17949	1.92057	-.07956	-.07551	-.07789
3.900	20.373	.46649	.25050	1.86224	-.07957	-.07551	-.07789
3.900	25.595	.62040	.37334	1.66174	-.07702	-.07551	-.07789
3.900	30.883	.77353	.53755	1.43899	-.07703	-.07299	-.07534
3.900	36.110	.91432	.74270	1.23106	-.07702	-.07299	-.07749
3.900	41.415	1.03273	.98418	1.04935	-.07701	-.07296	-.07532
3.900	45.574	1.08689	1.08442	.98384	-.07446	-.07044	-.07277
	GRADIENT	.01936	-.00298	.17552	-.00000	-.00165	-.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1035 CONF4 B19C7E23F5M4R5V7W107X16 (RPNB19) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 53/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.004	-.12281	.10785	-1.13874	-.05241	-.01807	-.05355
4.600	-1.963	-.08880	.09680	-.91930	-.05241	-.03425	-.05355
4.600	-.934	-.07158	.09199	-.77816	-.05241	-.04072	-.05355
4.600	.071	-.05419	.08837	-.61322	-.05241	-.04720	-.05355
4.600	1.103	-.03295	.08543	-.38573	-.05241	-.04720	-.05355
4.600	2.053	-.01542	.08397	-.18362	-.05241	-.05044	-.05355
4.600	4.122	.02263	.08262	.27390	-.05567	-.04720	-.05355
4.600	6.173	.06811	.08451	.80594	-.05567	-.04720	-.05355
4.600	8.309	.11681	.09170	1.27372	-.05567	-.04720	-.05355
4.600	10.291	.16151	.10146	1.59187	-.05567	-.04720	-.05682
4.600	12.595	.21788	.11963	1.82127	-.05567	-.05367	-.05682
4.600	16.478	.33258	.16848	1.97406	-.05567	-.05367	-.05682
4.600	20.583	.45421	.23966	1.89523	-.05565	-.05365	-.05353
4.600	25.850	.60200	.36129	1.66625	-.05567	-.05044	-.05682
4.600	30.995	.74625	.51728	1.44265	-.05565	-.05365	-.05680
4.600	36.205	.88261	.71671	1.23147	-.05567	-.05367	-.05682
4.600	41.381	.99398	.94402	1.05292	-.05567	-.05044	-.05355
4.600	43.488	1.02572	1.03696	.98916	-.05241	-.05044	-.05027
	GRADIENT	.01801	-.00312	.17637	-.00031	-.00365	-.00000

OA44 UPWT 1033 CONF4 B19CTE23FSW4R1V7W107X16 (RPN820) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.3772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BOFLAP =	-14.290	SPOBRK =	54.920

RUN NO. 54/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
2.500	-5.050	-.29390	.19807	-1.48640	-.14673	-.16019	-.14173
2.500	-2.868	-.22633	.17688	-1.27952	-.15202	-.15845	-.14704
2.500	-1.835	-.19304	.16896	-1.14249	-.15380	-.16022	-.15080
2.500	-.760	-.16744	.16755	-.99937	-.15195	-.16089	-.14344
2.500	.336	-.13421	.16076	-.83483	-.15540	-.16706	-.14669
2.500	1.299	-.10026	.15406	-.65070	-.15545	-.16557	-.15048
2.500	3.439	-.03091	.14354	-.21534	-.15546	-.16013	-.15226
2.500	5.554	.03307	.14154	.23367	-.15717	-.16083	-.15043
2.500	7.757	.09871	.14691	.67193	-.15536	-.16704	-.15215
2.500	9.773	.16194	.15982	1.01325	-.16416	-.17579	-.16099
2.500	12.190	.23449	.17914	1.30898	-.16772	-.17932	-.16634
2.500	16.205	.36716	.22492	1.63240	-.17130	-.17412	-.17170
2.500	20.485	.50096	.29646	1.67849	-.17830	-.18108	-.17519
2.500	25.618	.66422	.42331	1.56913	-.18107	-.18637	-.18231
2.500	31.176	.80894	.56288	1.38440	-.18184	-.17934	-.18051
2.500	36.490	.93192	.77686	1.19959	-.18067	-.18458	-.17873
2.500	41.999	1.03449	1.01132	1.02291	-.17699	-.18461	-.17523
2.500	44.088	1.05909	1.10365	.95962	-.17656	-.18460	-.17344
	GRADIENT	.03080	-.00519	.16790	-.00058	-.00033	-.00074

OA44 UPWT 1035 CONF4 B19C7E23F5H4R5V7W107X16 (RPN820) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.3772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 55/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
3.900	-4.531	-.21184	.15294	-1.38511	-.07222	-.06324	-.07302
3.900	-2.412	-.17037	.13549	-1.25741	-.07221	-.05816	-.07557
3.900	-1.410	-.14920	.12782	-1.16725	-.07220	-.06322	-.07556
3.900	-.344	-.12506	.12186	-1.02631	-.07220	-.06574	-.07556
3.900	.678	-.10349	.11603	-.89197	-.07220	-.06828	-.07556
3.900	1.686	-.08170	.11146	-.73296	-.07220	-.06068	-.07812
3.900	3.717	-.03572	.10629	-.33604	-.07475	-.06321	-.07556
3.900	5.791	.01322	.10495	.12598	-.07475	-.06321	-.07812
3.900	7.973	.06764	.10943	.61806	-.07729	-.06321	-.08068
3.900	9.950	.11300	.11838	.95448	-.07729	-.06573	-.08067
3.900	12.263	.17048	.13327	1.27924	-.07729	-.07080	-.08068
3.900	16.216	.26437	.17422	1.63222	-.07984	-.07840	-.08323
3.900	20.356	.40238	.23645	1.70173	-.07984	-.07840	-.08068
3.900	25.599	.55079	.34930	1.57687	-.07984	-.08094	-.08068
3.900	30.845	.69353	.49677	1.39608	-.07985	-.08094	-.08068
3.900	36.076	.82558	.68390	1.20715	-.07730	-.07840	-.08068
3.900	41.373	.93491	.90303	1.03531	-.07474	-.07840	-.07556
3.900	43.463	.96732	.99349	.97366	-.06965	-.07587	-.07300
	GRADIENT	.02143	-.00570	.12732	-.00023	-.00023	-.00035

OA44 UPWT 1035 CONF4 B19C7E23F3H4R5V7W107X16 (RPHB20) (10 JUL 73)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	8.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 56/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.115	-.20388	.14920	-1.36690	-.04933	-.04446	-.05386
4.600	-1.994	-.16059	.12966	-1.23853	-.04933	-.04122	-.05386
4.600	-.994	-.13640	.12100	-1.12722	-.05201	-.04126	-.05386
4.600	.063	-.11609	.11402	-1.01819	-.05279	-.04446	-.05386
4.600	1.080	-.09169	.10835	-.84624	-.05279	-.04769	-.05386
4.600	2.024	-.07434	.10474	-.70974	-.04953	-.04769	-.05386
4.600	4.096	-.02937	.09871	-.29958	-.05279	-.04769	-.05386
4.600	6.141	.01932	.09702	.19909	-.05279	-.04446	-.05386
4.600	8.313	.06774	.10015	.67638	-.05279	-.04446	-.05386
4.600	10.243	.11610	.10818	1.07315	-.05279	-.05092	-.05713
4.600	12.573	.16920	.12179	1.38934	-.05277	-.05414	-.05712
4.600	16.464	.28112	.16433	1.71076	-.05603	-.05414	-.05712
4.600	20.570	.39932	.22908	1.74467	-.05604	-.05416	-.06040
4.600	25.754	.53807	.33749	1.59431	-.05603	-.05414	-.05712
4.600	30.956	.67099	.48242	1.40333	-.05604	-.05416	-.06040
4.600	36.183	.80442	.66665	1.20666	-.05277	-.05414	-.05712
4.600	41.327	.90544	.87194	1.03842	-.05277	-.05738	-.05384
4.600	43.465	.93974	.96209	.97595	-.04990	-.05414	-.05057
	GRADIENT	.02129	-.00617	.13024	-.00031	-.00079	.00000

OA44 UPWT 1035 CONF4 B19C7E23F3H4R9VTW107X16 (RPNB21) (10 JUL 73)

REFERENCE DATA

BREF =	87.1500 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 57/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 3.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPBC
2.500	-4.834	-.13102	.14730	-.88897	-.15581	-.17773	-.15243
2.500	-2.892	-.06731	.13805	-.48755	-.15790	-.17782	-.15433
2.500	-1.734	-.03918	.13581	-.28900	-.15788	-.17796	-.15453
2.500	-.630	-.00734	.13389	-.05490	-.15752	-.17809	-.15435
2.500	.507	.02256	.13256	.16885	-.15567	-.17253	-.15249
2.500	1.409	.05097	.13326	.38250	-.15559	-.17072	-.15240
2.500	3.550	.11379	.13746	.82781	-.15560	-.17073	-.15418
2.500	5.619	.17887	.14656	1.20748	-.15903	-.17240	-.15585
2.500	7.902	.25049	.16219	1.54441	-.16587	-.16896	-.15947
2.500	9.880	.31040	.17957	1.72850	-.16261	-.16545	-.15946
2.500	12.258	.38498	.20992	1.84270	-.16969	-.16899	-.16303
2.500	16.290	.51967	.27810	1.86963	-.17672	-.17771	-.17538
2.500	20.742	.66803	.37904	1.76243	-.17492	-.17419	-.17181
2.500	26.152	.84078	.54097	1.55536	-.17835	-.18110	-.17348
2.500	31.295	.99103	.73105	1.35563	-.17314	-.17942	-.16926
2.500	36.669	1.11685	.96618	1.15594	-.17859	-.18132	-.17374
2.500	42.088	1.22434	1.24844	.98069	-.19568	-.18660	-.18261
2.500	44.907	1.26132	1.37753	.91584	-.18732	-.19175	-.18427
	GRADIENT	.02904	-.00119	.20807	.00013	.00108	-.00002

OA44 UPWT 1035 CONF4 B19C7EE3F3H4R9V7W107X16 (RPNB21) (10 JUL 73)

REFERENCE DATA

SREF =	67.1500 SQ.IN.	XMRP =	12.3772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	8.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPOBRK =	54.920

RUN NO. 96/ 0 RN/L = 8.30 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	C_L	CD	L/D	CPB	CPBM	CPBC
3.900	-4.916	-.12667	.11700	-1.08263	-.07900	-.04467	-.07962
3.900	-3.867	-.08678	.10633	-.81625	-.07900	-.05906	-.07901
3.900	-1.358	-.06761	.10277	-.65804	-.07899	-.06744	-.07784
3.900	-.304	-.04637	.09988	-.46217	-.07900	-.07253	-.07726
3.900	.693	-.02867	.09780	-.27578	-.07900	-.07253	-.07726
3.900	1.755	-.00906	.09672	-.03264	-.07900	-.07253	-.07726
3.900	3.834	.04009	.09800	.40910	-.07900	-.07506	-.07901
3.900	5.907	.08110	.10301	.68443	-.07900	-.07505	-.07901
3.900	8.080	.14480	.11296	1.27649	-.07900	-.07505	-.07901
3.900	10.067	.19967	.12770	1.56364	-.07899	-.07738	-.07991
3.900	12.277	.26207	.14913	1.75732	-.08154	-.07739	-.08237
3.900	14.278	.30336	.20632	1.03810	-.08154	-.07738	-.07960
3.900	20.322	.31586	.28844	1.78648	-.07899	-.07505	-.07724
3.900	25.668	.38509	.43472	1.57594	-.07899	-.07251	-.07724
3.900	30.798	.84389	.61799	1.36609	-.07899	-.07251	-.07724
3.900	36.405	.98120	.83875	1.15424	-.07898	-.07251	-.07960
3.900	41.477	1.09844	1.11144	.98920	-.07902	-.07253	-.07727
3.900	43.633	1.13432	1.22464	.92624	-.07902	-.07253	-.07727
	GRADIENT	.02001	-.00231	.10078	-.00000	-.00350	.00012

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

OA44 UPWT 1035 CONF4 B19C7E23F5H4R5V7W107X18 (RPN821) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 99/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
4.600	-4.098	-.11523	.10980	-1.04943	-.05825	-.01768	-.05606
4.600	-1.982	-.07789	.09950	-.78281	-.05825	-.02413	-.05932
4.600	-1.034	-.06065	.09569	-.63378	-.05825	-.03704	-.05606
4.600	.067	-.03979	.09237	-.43097	-.05825	-.04026	-.05606
4.600	1.080	-.01892	.09020	-.20979	-.05825	-.04026	-.05606
4.600	2.097	.00221	.08986	.02454	-.05824	-.04022	-.05605
4.600	4.179	.04602	.09028	.50977	-.05824	-.04668	-.05931
4.600	6.107	.08646	.09331	.92662	-.05824	-.04668	-.05605
4.600	8.378	.14046	.10319	1.36121	-.05824	-.04022	-.05931
4.600	10.114	.18375	.11382	1.61429	-.05825	-.04671	-.05606
4.600	12.519	.24996	.13705	1.82384	-.05824	-.04991	-.05931
4.600	16.477	.37235	.19384	1.92092	-.05824	-.04991	-.05605
4.600	20.636	.50421	.27912	1.80643	-.05821	-.04662	-.05601
4.600	25.777	.66500	.41944	1.58546	-.05822	-.04989	-.05603
4.600	30.948	.81775	.59800	1.36748	-.05824	-.04991	-.05605
4.600	36.488	.96167	.83459	1.15226	-.05824	-.04991	-.05931
4.600	41.331	1.05622	1.06248	.99411	-.05824	-.04991	-.05605
4.600	43.535	1.08643	1.16887	.92947	-.05824	-.04991	-.05931
	GRADIENT	.01954	-.00237	.19091	.00000	-.00349	-.00015

OA44 'JPWT 1035 CONF4 B19C7E23F9H4R9V7W107X16 (RPNB22) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 80/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
2.500	-4.965	-.17427	.14826	-1.17540	-.15177	-.16352	-.14855
2.500	-2.761	-.10696	.13585	-.78728	-.15341	-.16516	-.15193
2.500	-1.732	-.07673	.13166	-.58290	-.15348	-.16523	-.15201
2.500	-.661	-.04658	.12849	-.36250	-.15175	-.16350	-.15027
2.500	.423	-.01649	.12613	-.13073	-.14995	-.16171	-.15023
2.500	1.365	.01200	.12557	.09559	-.15177	-.16002	-.15029
2.500	3.495	.07394	.12713	.58161	-.15355	-.16003	-.15208
2.500	5.586	.13587	.13310	1.02081	-.15354	-.16177	-.15383
2.500	7.617	.20507	.14535	1.41087	-.15686	-.16181	-.15741
2.500	9.918	.27197	.16138	1.68535	-.15883	-.16003	-.15738
2.500	12.232	.34203	.18682	1.83084	-.16938	-.16527	-.16620
2.500	16.267	.47105	.24875	1.89369	-.18172	-.17578	-.17859
2.500	20.495	.60828	.33657	1.80731	-.18525	-.18454	-.18037
2.500	25.816	.77774	.48171	1.61452	-.18877	-.18628	-.18743
2.500	31.232	.93049	.66255	1.40442	-.18172	-.17578	-.17329
2.500	36.646	1.08604	.88962	1.19831	-.17995	-.17052	-.16974
2.500	42.059	1.16498	1.14798	1.01461	-.18526	-.18455	-.17508
2.500	44.231	1.19268	1.23794	.94811	-.18521	-.18449	-.17501
	GRADIENT	.02918	-.00252	.20878	-.00001	.00062	-.00021

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1038 CONF4 B19C7E23FSH4RSV7W107X16 (RPNB22) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	94.920

RUN NO. 61/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
3.900	-4.470	-.13514	.11604	-1.16457	-.07708	-.04281	-.07528
3.900	-2.339	-.09512	.10453	-.90999	-.07705	-.06811	-.07526
3.900	-1.343	-.07612	.10029	-.75896	-.07706	-.07572	-.07527
3.900	-.305	-.05724	.09694	-.59048	-.07705	-.07624	-.07526
3.900	.725	-.03528	.09426	-.37423	-.07706	-.07825	-.07527
3.900	1.715	-.01602	.09293	-.17238	-.07705	-.07824	-.07783
3.900	3.766	.02729	.09250	.29501	-.07705	-.08078	-.07783
3.900	5.830	.07367	.09563	.77037	-.07960	-.08077	-.07782
3.900	8.002	.12819	.10413	1.23108	-.07960	-.08077	-.07782
3.900	9.982	.17911	.11641	1.53870	-.07961	-.08078	-.08039
3.900	12.266	.23901	.13577	1.76039	-.07961	-.08078	-.08039
3.900	16.225	.35651	.18723	1.90408	-.08215	-.08331	-.08039
3.900	20.370	.48547	.26426	1.83706	-.08215	-.08077	-.08038
3.900	25.567	.64235	.39260	1.63532	-.08215	-.08078	-.08038
3.900	30.865	.80101	.56724	1.41210	-.08215	-.07825	-.08039
3.900	36.165	.94436	.78368	1.20503	-.07960	-.07825	-.07783
3.900	41.410	1.06025	1.03028	1.02909	-.07705	-.07571	-.07527
3.900	43.564	1.09532	1.13749	.96292	-.07705	-.07571	-.07527
	GRADIENT	.01968	-.00287	.17833	.00000	-.00407	-.00035

OA44 UPWT 1035 CONF4 B19C7E23F5H4RSV7W107X16 (RPNB22) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPOBRK =	54.920

RUN NO. 62/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.071	-.12713	.10997	-1.15611	-.05571	-.03772	-.05346
4.600	-1.961	-.08970	.09850	-.91069	-.05569	-.03787	-.05672
4.600	-.967	-.07237	.09384	-.77121	-.05571	-.04420	-.05674
4.600	.064	-.05124	.08964	-.57167	-.05571	-.05069	-.05674
4.600	1.105	-.03368	.08718	-.38638	-.05571	-.05069	-.05346
4.600	2.060	-.01230	.08586	-.14330	-.05571	-.05069	-.05346
4.600	4.111	.02550	.08470	.30108	-.05571	-.05069	-.05346
4.600	6.141	.06721	.08686	.77373	-.05571	-.04744	-.05674
4.600	8.305	.11961	.09448	1.26590	-.05571	-.04744	-.05674
4.600	10.306	.16767	.10577	1.58514	-.05897	-.05069	-.06001
4.600	12.362	.22398	.12422	1.80307	-.05897	-.05069	-.06001
4.600	16.473	.34171	.17521	1.95029	-.05897	-.05393	-.05674
4.600	20.589	.46910	.25238	1.85872	-.05896	-.05391	-.05672
4.600	25.747	.62613	.38191	1.63947	-.05896	-.05391	-.05672
4.600	31.008	.77888	.55114	1.41323	-.05897	-.05393	-.05674
4.600	36.228	.91540	.76017	1.20421	-.05897	-.05393	-.05674
4.600	41.429	1.02611	.99793	1.02823	-.05569	-.05391	-.05344
4.600	43.545	1.05251	1.09129	.96446	-.05571	-.05069	-.05346
	GRADIENT	.01876	-.00312	.18060	-.00000	-.00197	.00022

OA44 UPWT 1035 CONF4 B19C7E23F5H4R3V7W107X16 (RPN823) (10 JUL 73)

REFERENCE DATA

SREF =	87.1360 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	54.920

RUN NO. 63/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
2.500	-4.941	-.17971	.14603	-1.23065	-.14752	-.15752	-.14251
2.500	-2.779	-.11816	.13404	-.88156	-.15108	-.16106	-.14608
2.500	-1.728	-.08594	.12989	-.66264	-.15281	-.16278	-.14782
2.500	-.655	-.05371	.12642	-.44068	-.15284	-.16280	-.14785
2.500	.407	-.02580	.12390	-.20664	-.15112	-.16109	-.14813
2.500	1.422	.00479	.12285	.03896	-.15104	-.15927	-.14780
2.500	3.489	.06504	.12387	.52504	-.15111	-.15758	-.14964
2.500	5.640	.12705	.12884	.98612	-.15104	-.15377	-.14958
2.500	7.836	.19477	.13960	1.39525	-.15461	-.15561	-.15139
2.500	9.868	.25955	.15487	1.67594	-.15989	-.15756	-.15492
2.500	12.236	.33138	.17949	1.84629	-.16694	-.16282	-.16201
2.500	16.248	.41701	.23848	1.91632	-.17924	-.17329	-.17435
2.500	20.498	.59360	.32305	1.83750	-.18451	-.17852	-.17787
2.500	25.853	.76235	.46416	1.64242	-.18634	-.18035	-.18148
2.500	31.270	.92043	.64438	1.42839	-.17572	-.17854	-.16905
2.500	36.597	1.05062	.86019	1.22138	-.17755	-.17162	-.16560
2.500	42.011	1.15447	1.11594	1.03453	-.17927	-.17332	-.16908
2.500	44.219	1.18224	1.22462	.96540	-.17924	-.17504	-.16904
	GRADIENT	.02904	-.00265	.21041	-.00029	.00011	-.00069

OA44 UPWT 1035 CONF4 B19C7E23F5H4R5VTW107X16 (RPNB23) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	94.920

RUN NO. 64/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
3.900	-4.481	-.13780	.11439	-1.20467	-.07604	-.04430	-.07428
3.900	-2.365	-.09764	.10264	-.95134	-.07604	-.06454	-.07428
3.900	-1.336	-.08167	.09842	-.82977	-.07604	-.07213	-.07427
3.900	-.287	-.05982	.09492	-.63021	-.07604	-.07466	-.07171
3.900	.725	-.04066	.09241	-.44003	-.07603	-.07466	-.07171
3.900	1.703	-.01840	.09083	-.20262	-.07604	-.07466	-.07172
3.900	3.758	.02204	.09003	.24482	-.07604	-.07466	-.07172
3.900	5.814	.06852	.09255	.74042	-.07659	-.07720	-.07428
3.900	7.991	.12037	.09974	1.20680	-.07658	-.07719	-.07427
3.900	9.990	.16875	.11090	1.52184	-.07659	-.07720	-.07683
3.900	12.269	.23137	.13005	1.77907	-.08113	-.07719	-.07683
3.900	16.243	.34015	.17694	1.92241	-.08113	-.07719	-.07939
3.900	20.367	.46670	.24972	1.86891	-.08114	-.07720	-.07683
3.900	25.567	.62331	.37466	1.66366	-.08113	-.07719	-.07939
3.900	30.653	.78285	.54348	1.44044	-.08113	-.07466	-.07683
3.900	36.163	.92525	.75333	1.22822	-.07659	-.07719	-.07427
3.900	41.446	1.04200	.99582	1.04638	-.07659	-.07214	-.07428
3.900	43.561	1.07576	1.09691	.98072	-.07604	-.07213	-.06916
	GRADIENT	.01943	-.00296	.17760	.00000	-.00337	.00042

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OA44 UPWT 1035 CONF4 B19C7E2SF9H4R3VTW107X18 (RPN823) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	.000	SPDBRK =	54.920

RUN NO. 65/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.070	-.13018	.10861	-1.19854	-.05444	-.01708	-.04897
4.600	-1.967	-.09272	.09689	-.95692	-.05443	-.02995	-.04894
4.600	-.993	-.07542	.09260	-.81448	-.05443	-.04290	-.05221
4.600	.071	-.05433	.08836	-.61492	-.05443	-.04613	-.04894
4.600	1.114	-.03704	.08550	-.43318	-.05441	-.04610	-.04891
4.600	2.090	-.01935	.08421	-.22982	-.05441	-.04934	-.04891
4.600	4.110	.01864	.08268	.22540	-.05441	-.04934	-.05219
4.600	6.153	.06429	.08446	.76119	-.05767	-.04286	-.05219
4.600	8.305	.11301	.09136	1.23696	-.05441	-.04286	-.05219
4.600	10.327	.16132	.10191	1.58287	-.05767	-.04610	-.05219
4.600	12.575	.21714	.11949	1.81719	-.05767	-.04934	-.05219
4.600	16.481	.32715	.16533	1.97872	-.05767	-.05258	-.05546
4.600	20.589	.45063	.23825	1.89152	-.05767	-.05258	-.05219
4.600	25.765	.60265	.36168	1.66624	-.05767	-.05258	-.05546
4.600	30.993	.75359	.52373	1.43889	-.05767	-.05258	-.05546
4.600	36.189	.89156	.72598	1.22809	-.05767	-.05258	-.05219
4.600	41.388	1.00310	.95579	1.04949	-.05441	-.04934	-.04891
4.600	43.510	1.03586	1.05191	.98474	-.05441	-.04934	-.04891
	GRADIENT	.01621	-.00319	.17554	.00000	-.00400	-.00022

OA44 UPWT 1038 CONF4 B19C7EB5P8H4R8V7W107X16 (RPNBB4) (10 JUL 75)

REFERENCE DATA

SREF =	87.1500 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0902 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 66/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC
2.500	-4.999	-.25618	.17418	-1.47088	-.13623	-.14451	-.13120
2.500	-2.811	-.18005	.15625	-1.20355	-.14310	-.15310	-.13808
2.500	-1.777	-.15853	.14950	-1.08040	-.14299	-.15827	-.13797
2.500	-.722	-.12465	.14332	-.86971	-.14474	-.16001	-.13973
2.500	.369	-.09478	.13846	-.68442	-.14474	-.16001	-.13795
2.500	1.355	-.06241	.13483	-.46289	-.14474	-.16177	-.13973
2.500	3.471	-.00030	.13051	-.00227	-.14474	-.16879	-.14150
2.500	5.583	.06189	.13130	.47133	-.14663	-.16187	-.14340
2.500	7.795	.12776	.13817	.92464	-.14845	-.16018	-.14699
2.500	9.859	.19355	.15013	1.28928	-.14140	-.15491	-.13992
2.500	12.189	.26473	.17094	1.54863	-.15193	-.15487	-.15226
2.500	16.230	.39454	.22449	1.75744	-.17485	-.17413	-.16642
2.500	20.452	.52436	.29981	1.74898	-.18367	-.18114	-.18057
2.500	25.786	.68379	.42495	1.61381	-.18543	-.18289	-.18235
2.500	31.169	.83341	.58564	1.42307	-.17662	-.18114	-.17350
2.500	36.548	.96264	.78549	1.22553	-.16957	-.16713	-.16465
2.500	41.968	1.06416	1.01913	1.04419	-.16602	-.16361	-.16109
2.500	44.141	1.09241	1.11940	.97588	-.16602	-.16711	-.16109
	GRADIENT	.03017	-.00518	.17407	-.00089	-.00262	-.00101

OA44 UPWT 1035 CONF4 G19C7EE3F9H4R5V7W107X16 (RPN824) (10 JUL 73)

REFERENCE DATA

SREF =	67.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 67/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
3.900	-4.554	-.18531	.12939	-1.43210	-.07534	-.05859	-.07112
3.900	-2.438	-.14570	.11455	-1.27193	-.07534	-.06365	-.07112
3.900	-1.386	-.12423	.10910	-1.13866	-.07534	-.07125	-.07112
3.900	-.315	-.10256	.10435	-.98291	-.07534	-.07378	-.07112
3.900	.634	-.08357	.10078	-.82920	-.07533	-.07631	-.07111
3.900	1.635	-.06151	.09766	-.62980	-.07533	-.07631	-.07112
3.900	3.837	-.01253	.09436	-.13281	-.07533	-.07884	-.07111
3.900	5.834	.03111	.09442	.32949	-.07789	-.07884	-.07112
3.900	7.975	.08019	.09903	.80973	-.07789	-.08656	-.07368
3.900	9.956	.12897	.10838	1.18996	-.07788	-.07884	-.07111
3.900	12.390	.19216	.12607	1.52417	-.07789	-.07885	-.07368
3.900	16.219	.29788	.16739	1.77946	-.08044	-.07885	-.07624
3.900	20.354	.41874	.23400	1.78944	-.08044	-.07885	-.07624
3.900	25.581	.56583	.34769	1.62738	-.08044	-.07885	-.07624
3.900	30.925	.71630	.50308	1.42384	-.08044	-.07884	-.07624
3.900	36.241	.85110	.69657	1.22185	-.07789	-.07884	-.07624
3.900	41.318	.95392	.90609	1.05279	-.07789	-.07885	-.07624
3.900	43.479	.98964	1.00095	.98870	-.07534	-.07379	-.07113
	GRADIENT	.02059	-.00417	.19532	.00000	-.00255	.00000

OA44 UPWT 1035 CONF4 B19C7E23F9H4R5V7W107X16 (RPNB24) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 68/ 0 RN/L = 2.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.139	-.16483	.12097	-1.36280	-.05685	-.02257	-.04828
4.600	-1.937	-.12436	.10654	-1.16724	-.05685	-.03223	-.04828
4.600	-1.103	-.10736	.10116	-1.06128	-.05685	-.04186	-.04825
4.600	.058	-.08294	.09390	-.88490	-.05685	-.04834	-.04828
4.600	1.120	-.06207	.09197	-.67488	-.05685	-.04834	-.04828
4.600	2.037	-.04836	.08900	-.54343	-.05685	-.04834	-.05153
4.600	4.111	-.00322	.08578	-.03753	-.05685	-.05156	-.05153
4.600	6.136	.04201	.08610	.48785	-.05685	-.05156	-.05153
4.600	8.353	.09060	.09093	.99638	-.05685	-.05156	-.05153
4.600	10.290	.13161	.09946	1.32322	-.05685	-.04834	-.05153
4.600	12.555	.18804	.11557	1.62709	-.05685	-.05156	-.05153
4.600	16.479	.29288	.15766	1.85765	-.05685	-.05156	-.05479
4.600	20.584	.41072	.22469	1.82790	-.06009	-.05478	-.05479
4.600	25.694	.54963	.33491	1.64114	-.06009	-.05478	-.05153
4.600	30.868	.68376	.47758	1.43172	-.05685	-.05478	-.05479
4.600	36.134	.81252	.66217	1.22705	-.05685	-.05478	-.05153
4.600	41.474	.92159	.87914	1.04829	-.05685	-.05156	-.05153
4.600	43.485	.94963	.96010	.98910	-.05685	-.05156	-.04828
	GRADIENT	.01955	-.00430	.18044	-.00000	-.00359	-.00045

OA44 UPWT 1035 CONF4 B21C7E23FBH4R9V7W107X16 (RPNB23) (10 JUL 73)

REFERENCE DATA

BREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0802 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0150 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 69/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
2.500	-4.940	-.10117	.14598	-1.24105	-.15195	-.15833	-.14347
2.500	-2.736	-.11888	.13384	-.88829	-.15184	-.16349	-.15220
2.500	-1.689	-.08655	.12939	-.66868	-.15361	-.16700	-.15398
2.500	-.615	-.05607	.12598	-.44503	-.15533	-.16696	-.15570
2.500	.471	-.02530	.12355	-.20475	-.15539	-.16701	-.15576
2.500	1.412	.00352	.12267	.02872	-.15538	-.16390	-.15398
2.500	3.519	.06379	.12359	.51611	-.15713	-.16349	-.15574
2.500	5.647	.12582	.12972	.96993	-.16067	-.16700	-.15929
2.500	7.872	.19380	.14080	1.37504	-.16418	-.16524	-.16281
2.500	9.892	.25475	.15612	1.63179	-.16774	-.16877	-.16639
2.500	12.259	.32538	.18016	1.80602	-.17476	-.17225	-.17344
2.500	16.267	.45224	.23778	1.90193	-.18182	-.17751	-.17875
2.500	20.513	.58568	.32104	1.82430	-.18360	-.17928	-.17877
2.500	25.920	.75286	.46161	1.63095	-.18360	-.18103	-.18054
2.500	31.287	.90860	.63690	1.42213	-.17654	-.17052	-.16638
2.500	36.608	1.03783	.85448	1.21457	-.17658	-.17581	-.16998
2.500	42.027	1.13915	1.10754	1.02854	-.18008	-.17228	-.17524
2.500	44.211	1.16629	1.21470	.96015	-.17836	-.17408	-.17352
	GRADIENT	.02903	-.00268	.21030	-.00067	-.00048	-.00124

OA44 UPWT 1031 CONF4 B21C7E29F3H4R5V7W107X16 (RPN823) (10 JUL 73)

REFERENCE DATA

SREF =	97.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 70/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPSC
3.900	-4.481	-.13433	.11313	-1.18749	-.07473	-.05298	-.07360
3.900	-2.356	-.09306	.10246	-.90824	-.07472	-.06310	-.07358
3.900	-1.333	-.07369	.09844	-.74855	-.07726	-.07060	-.07558
3.900	-.298	-.05419	.09535	-.56834	-.07727	-.07576	-.07558
3.900	.744	-.03156	.09281	-.34004	-.07726	-.07829	-.07558
3.900	1.741	-.01196	.09110	-.13131	-.07726	-.08082	-.07558
3.900	3.795	.03166	.09063	.34930	-.07726	-.09082	-.07558
3.900	5.839	.07804	.09395	.83060	-.07727	-.08083	-.07814
3.900	7.993	.12708	.10179	1.24845	-.07727	-.08083	-.07814
3.900	10.024	.18117	.11469	1.57956	-.07981	-.08082	-.08070
3.900	12.319	.23837	.13399	1.77909	-.07982	-.08082	-.07814
3.900	16.255	.34824	.18167	1.91690	-.07982	-.08083	-.07814
3.900	20.397	.47015	.25435	1.84839	-.07982	-.08083	-.08070
3.900	25.616	.62746	.36075	1.84794	-.07981	-.07829	-.08070
3.900	30.699	.78298	.54984	1.42894	-.07982	-.07829	-.08070
3.900	36.156	.92024	.75494	1.21893	-.07727	-.07829	-.07558
3.900	41.431	1.03436	.99393	1.03856	-.07727	-.07576	-.07558
3.900	45.552	1.06700	1.09396	.97534	-.07472	-.07323	-.07302
	GRADIENT	.02005	-.00274	.18715	-.00035	-.00357	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

OA44 UPWT 1038 CONF4 B21C7E23F9M4R5VTW1G7X18 (RPNB29) (10 JUL 73)

REFERENCE DATA

SREF =	87.1980 SQ.IN.	XMRP =	12.5778 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 71/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
4.600	-4.059	-.12642	.10887	-1.16121	-.05597	-.02475	-.05385
4.600	-1.948	-.08733	.09843	-.90564	-.05597	-.03774	-.05713
4.600	-.954	-.06945	.09229	-.75255	-.05597	-.04423	-.05385
4.600	.097	-.04766	.08855	-.53822	-.05597	-.05073	-.05385
4.600	1.142	-.02951	.08561	-.34465	-.05597	-.05073	-.05385
4.600	2.071	-.01110	.08429	-.13165	-.05597	-.05397	-.05385
4.600	4.127	.03074	.08312	.36985	-.05597	-.05397	-.05385
4.600	6.187	.07275	.08555	.85013	-.05597	-.05397	-.05385
4.600	8.332	.1252	.09325	1.34381	-.05597	-.05397	-.05385
4.600	10.314	.16979	.10503	1.61661	-.05597	-.05397	-.05713
4.600	12.624	.22980	.12531	1.83395	-.05597	-.05397	-.05713
4.600	16.498	.33728	.17255	1.95465	-.05597	-.05722	-.05713
4.600	20.632	.43488	.24395	1.86463	-.05924	-.05397	-.05385
4.600	25.763	.60516	.36731	1.64761	-.05597	-.05397	-.05713
4.600	30.994	.75450	.52926	1.42557	-.05597	-.05397	-.05713
4.600	36.234	.88821	.73068	1.21576	-.05597	-.05397	-.05385
4.600	41.392	.99647	.95794	1.04033	-.05597	-.05397	-.05385
4.600	43.497	1.02845	1.05134	.97823	-.05597	-.05073	-.05385
	GRADIENT	.01915	-.00314	.18818	.00000	-.00365	.00015

OA44 UPWT 1035 CONF4 B21C7E23F9H4R8VPW107X16 (RPH826) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.3772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0190 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPLBRK =	54.920

RUN NO. 72/ 0 RN/L = 8.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBN	CPBC
2.930	-4.878	-.20122	.19437	-1.44084	-.14830	-.15818	-.14181
2.900	-2.868	-.21618	.17493	-1.23583	-.14855	-.15315	-.14539
2.900	-1.843	-.18584	.16718	-1.11037	-.14909	-.15432	-.14651
2.900	-.745	-.14994	.16011	-.93647	-.15328	-.16139	-.14935
2.900	.335	-.11709	.15415	-.76478	-.15327	-.16487	-.14833
2.900	1.325	-.08737	.14907	-.58739	-.13156	-.17019	-.14665
2.900	3.327	-.01907	.14136	-.12784	-.15500	-.15434	-.15007
2.900	5.883	.04770	.14127	.33768	-.15506	-.16490	-.15014
2.900	7.826	.11165	.14841	.75227	-.15679	-.16837	-.15187
2.900	9.831	.17252	.16142	1.06876	-.16036	-.17191	-.15899
2.900	12.461	.25233	.18213	1.38546	-.16369	-.17020	-.16081
2.900	16.188	.37219	.22661	1.64240	-.17267	-.17015	-.16782
2.900	20.533	.50689	.30281	1.67906	-.17801	-.17546	-.16965
2.900	25.848	.66948	.42903	1.56046	-.18326	-.17891	-.17844
2.900	31.251	.81904	.59284	1.37482	-.18903	-.17895	-.17848
2.900	36.674	.94149	.79485	1.18449	-.18329	-.18419	-.17671
2.900	41.797	1.03449	1.01489	1.01931	-.17799	-.18243	-.17318
2.900	44.123	1.06108	1.11987	.94822	-.17801	-.18244	-.17494
	GRADIENT	.03110	-.00623	.15664	-.00093	-.00067	-.00086

OA44 UPWT 1035 CONF4 B21CTE23F5M4R5VTW107X16 (RPNBE6) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0300 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-44.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 73/ 0 RNVL = 2.50 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
3.900	-4.431	-.20884	.14911	-1.40057	-.07424	-.06239	-.07256
3.900	-2.871	-.16287	.13202	-1.23370	-.07424	-.06005	-.07256
3.900	-1.393	-.14357	.12622	-1.13748	-.07424	-.06006	-.07257
3.900	-.318	-.11849	.11997	-.98759	-.07424	-.06259	-.07257
3.900	.745	-.09406	.11447	-.82170	-.07679	-.06512	-.07257
3.900	1.682	-.07187	.11072	-.64911	-.07679	-.06512	-.07256
3.900	3.766	-.02861	.10494	-.27259	-.07679	-.06765	-.07512
3.900	5.916	.02298	.10544	.21797	-.07679	-.06765	-.07512
3.900	8.027	.07453	.11072	.67319	-.07933	-.06258	-.07767
3.900	10.040	.12272	.12049	1.01848	-.07933	-.07018	-.08023
3.900	12.201	.18034	.13650	1.32114	-.07933	-.07777	-.07768
3.900	16.152	.28539	.17628	1.61891	-.08188	-.08031	-.08023
3.900	20.431	.41136	.24276	1.69454	-.08188	-.07777	-.08023
3.900	25.752	.56184	.36076	1.55738	-.08188	-.07778	-.07768
3.900	30.769	.70521	.50896	1.38558	-.07933	-.07777	-.08023
3.900	36.293	.84214	.70851	1.18844	-.07679	-.07524	-.07512
3.900	41.329	.94225	.91706	1.02747	-.07424	-.07525	-.07256
3.900	43.534	.97206	1.01083	.96164	-.07169	-.07271	-.06744
	GRADIENT	.02223	-.00540	.13991	-.00042	-.00083	-.00024

OA44 UPWT 1035 CONF4 B21C7E23FSH4RSV7W107X16 (RPNB26) (10 JUL 73)

REFERENCE DATA

SREF = 87.1560 SQ.IN. XMRP = 12.5772 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0302 INCHES ZMRP = 6.0000 INCHES
SCALE = .0150 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = -44.000
AILRON = .000 RUDDER = .000
SDFLAP = -14.250 SPDBRK = 84.920

RUN NO. 74/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
4.600	-4.007	-.19603	.14530	-1.34908	-.05538	-.03717	-.05329
4.600	-1.933	-.15097	.12820	-1.17762	-.05538	-.03717	-.05002
4.600	-.944	-.12988	.11979	-1.08421	-.05540	-.04045	-.05331
4.600	.095	-.10501	.11289	-.93015	-.05540	-.04368	-.05005
4.600	1.081	-.08355	.10777	-.77526	-.05538	-.04364	-.05329
4.600	2.041	-.06198	.10363	-.59812	-.05540	-.04368	-.05331
4.600	4.090	-.01723	.09869	-.17418	-.05538	-.04688	-.05329
4.600	6.156	.02788	.09753	.28628	-.05538	-.04364	-.05329
4.600	8.305	.07999	.10238	.78132	-.05866	-.04368	-.05331
4.600	10.268	.12458	.11068	1.12552	-.05864	-.04688	-.05329
4.600	12.556	.18123	.12582	1.44035	-.05864	-.05011	-.05656
4.600	16.511	.28902	.16778	1.72263	-.05864	-.05335	-.05656
4.600	20.593	.40399	.23302	1.73373	-.05864	-.05335	-.05656
4.600	25.843	.54812	.34798	1.57513	-.05864	-.05659	-.05656
4.600	31.013	.68092	.49211	1.38367	-.05864	-.05659	-.05656
4.600	36.270	.80636	.67745	1.19029	-.05864	-.05659	-.05656
4.600	41.309	.89996	.87535	1.02812	-.05538	-.05335	-.05329
4.600	43.451	.93130	.96390	.96618	-.05213	-.05011	-.05002
	GRADIENT	.02218	-.00583	.14543	-.00000	-.00130	-.00015

OA44 UPWT 1035 CONF4 B21C7E23F5M4R5VTW107X16 (RPNB27) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
ATLRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 73/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
2.500	-4.908	-.13534	.14701	-.92060	-.15576	-.17432	-.15264
2.500	-2.658	-.07056	.13778	-.51210	-.15589	-.17441	-.15454
2.500	-1.659	-.04016	.13513	-.29719	-.15766	-.17617	-.15632
2.500	-.575	-.00769	.13315	-.05775	-.15765	-.17616	-.15631
2.500	.434	.02074	.13232	.15660	-.15588	-.17440	-.15453
2.500	1.497	.05132	.13282	.38643	-.15583	-.17262	-.15448
2.500	3.613	.11280	.13736	.82122	-.15763	-.17090	-.15629
2.500	5.765	.18212	.14750	1.23468	-.16119	-.17267	-.15986
2.500	7.979	.24873	.16260	1.52967	-.16469	-.16740	-.15984
2.500	10.007	.31486	.18181	1.73178	-.16465	-.16387	-.15980
2.500	12.265	.38423	.20952	1.83387	-.16992	-.16735	-.16509
2.500	16.515	.52334	.28278	1.85070	-.18052	-.17437	-.17572
2.500	20.552	.65434	.37357	1.75158	-.17879	-.17266	-.17399
2.500	26.072	.83333	.53865	1.54746	-.18053	-.17789	-.17397
2.500	31.171	.98130	.72624	1.35121	-.17351	-.17791	-.17046
2.500	36.832	1.12461	.98438	1.14246	-.17702	-.17615	-.17222
2.500	42.021	1.22491	1.25694	.97452	-.18403	-.18312	-.17925
2.500	44.388	1.26194	1.39262	.90616	-.18761	-.18667	-.18285
	GRADIENT	.02942	-.00116	.20907	-.00013	.00043	-.00029

OA44 UPWT 1035 CONF4 B21C7E23F5H4R3V7W107X18 (RPNB27) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 76/ 0 Rn/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
3.900	-4.481	-.11711	.11483	-1.01988	-.07548	-.04852	-.07639
3.900	-2.330	-.07599	.10525	-.72203	-.07542	-.06367	-.07636
3.900	-1.419	-.05947	.10209	-.58255	-.07797	-.06873	-.07636
3.900	-.290	-.03726	.09956	-.37426	-.07797	-.07632	-.07636
3.900	.836	-.01203	.09764	-.12321	-.07797	-.07632	-.07636
3.900	1.788	.01039	.09714	.10695	-.07797	-.07886	-.07636
3.900	3.802	.05367	.09852	.54471	-.07797	-.07886	-.07636
3.900	5.948	.10518	.10433	1.00818	-.07798	-.07887	-.07637
3.900	8.122	.15898	.11552	1.37617	-.07798	-.07887	-.07637
3.900	10.064	.21508	.13161	1.63423	-.07798	-.07887	-.07637
3.900	12.330	.27668	.15453	1.79044	-.07798	-.07887	-.07893
3.900	16.319	.39459	.21179	1.86314	-.07798	-.07887	-.07637
3.900	20.512	.52796	.29844	1.76909	-.07798	-.07634	-.07637
3.900	25.527	.68904	.43777	1.57398	-.07799	-.07634	-.07638
3.900	31.007	.85461	.63340	1.34925	-.07798	-.07634	-.07382
3.900	36.289	.99223	.86282	1.14998	-.07543	-.07633	-.07637
3.900	41.495	1.09993	1.12193	.98039	-.07798	-.07634	-.07381
3.900	43.642	1.13331	1.23339	.91886	-.07798	-.07634	-.07637
	GRADIENT	.02070	-.00198	.19187	-.00035	-.00367	.00000

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OA44 UPWT 1035 CONF4 B21C7E23F5H4R5V7W107X16 (RPNB27) (10 JUL 73)

REFERENCE DATA

SREF =	87.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	11.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 77/ 0 RN/L = 2.50 GRADIENT INTERVAL = -8.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-3.939	-.11137	.10898	-1.02190	-.05692	-.02243	-.05490
4.600	-1.811	-.07244	.09795	-.73951	-.05692	-.03213	-.05490
4.600	-1.039	-.05526	.09526	-.61148	-.05692	-.03859	-.05184
4.600	.080	-.03288	.09267	-.35454	-.05692	-.04508	-.05490
4.600	1.139	-.01498	.08992	-.16659	-.05692	-.04829	-.05490
4.600	2.115	.00877	.08912	.07593	-.05367	-.04829	-.05490
4.600	4.142	.05202	.089	.57949	-.05691	-.05150	-.05488
4.600	6.192	.09687	.09505	1.01918	-.05691	-.05150	-.05488
4.600	8.336	.14830	.10462	1.41749	-.05692	-.05153	-.05490
4.600	10.313	.19925	.11925	1.67087	-.05692	-.05153	-.05490
4.600	12.611	.26181	.14308	1.82978	-.05691	-.05150	-.05488
4.600	16.495	.37637	.19809	1.89998	-.05692	-.05153	-.05490
4.600	20.571	.50343	.28120	1.79033	-.05692	-.05153	-.05490
4.600	25.801	.66554	.42404	1.56952	-.05692	-.05153	-.05490
4.600	31.037	.82102	.60720	1.35214	-.05691	-.05150	-.05161
4.600	36.195	.98354	.82570	1.19483	-.05692	-.05153	-.05490
4.600	41.400	1.05694	1.07388	.98414	-.05367	-.05153	-.05490
4.600	43.590	1.08887	1.18295	.92047	-.05365	-.05474	-.05488
	GRADIENT	.02020	-.00234	.20024	.00015	-.00373	-.00008

OA44 UPWT 1035 CONF4 B21C7E23F5H4R9V7W107X16 (RPNBB0) (10 JUL 73)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0302 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	84.920

RUN NO. 78/ 0 RN/L = 8.61 GRADIENT INTERVAL = -8.00/ 8.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC
2.500	-4.961	-.25016	.17839	-1.45119	-.13629	-.15149	-.12954
2.500	-2.778	-.16320	.15557	-1.19048	-.14142	-.16012	-.13645
2.500	-1.739	-.15902	.14891	-1.04097	-.14318	-.16187	-.13644
2.500	-.687	-.12071	.14266	-.84614	-.14495	-.16187	-.13822
2.500	.404	-.09039	.13800	-.65500	-.14677	-.16367	-.14182
2.500	1.349	-.05953	.13443	-.44281	-.14691	-.16728	-.14020
2.500	3.494	.00630	.13054	.04829	-.14711	-.17267	-.14395
2.500	5.603	.06637	.13190	.50322	-.15075	-.16404	-.14584
2.500	7.606	.13208	.13951	.94673	-.15065	-.16221	-.14574
2.500	9.668	.19547	.15190	1.29025	-.14714	-.15524	-.14398
2.500	12.238	.26646	.17207	1.54861	-.15061	-.15520	-.14570
2.500	16.230	.38609	.22355	1.73607	-.17702	-.17619	16692
2.500	20.465	.51447	.29756	1.72899	-.18223	-.18136	-.17743
2.500	25.828	.68064	.42655	1.59568	-.18398	-.17610	-.18095
2.500	31.182	.82695	.58788	1.40666	-.17340	-.17084	-.16857
2.500	36.546	.95701	.78901	1.21292	-.16992	-.17088	-.16684
2.500	41.933	1.05634	1.02182	1.03378	-.16810	-.16208	-.16148
2.500	44.105	1.08314	1.12093	.96628	-.16642	-.16216	-.16156
	GRADIENT	.03027	-.00499	.17753	-.00131	-.00228	-.00160

OA44 UPWT 1035 CONF4 B21C7E23F5H4R5V7W107X16 (RPN828) (10 JUL 73)

REFERENCE DATA

SREF =	67.1560 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPOBRK =	54.920

RUN NO. 79/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
3.900	-4.494	-.16991	.12712	-1.33683	-.07269	-.06353	-.07103
3.900	-2.364	-.12925	.11351	-1.13861	-.07269	-.06980	-.07103
3.900	-1.342	-.11281	.10922	-1.03284	-.07269	-.07620	-.07104
3.900	-.305	-.08768	.10442	-.83948	-.07270	-.07620	-.06848
3.900	.719	-.06531	.10092	-.64712	-.07270	-.07620	-.07104
3.900	1.707	-.04569	.09827	-.46496	-.07271	-.07621	-.07106
3.900	3.751	-.00239	.09492	-.02518	-.07526	-.07621	-.07106
3.900	5.835	.04686	.09593	.48854	-.07526	-.07622	-.07106
3.900	8.002	.09545	.10187	.93701	-.07525	-.07621	-.07105
3.900	9.985	.14413	.11212	1.28549	-.07524	-.07620	-.07104
3.900	12.307	.20149	.12964	1.55424	-.07779	-.07873	-.07359
3.900	16.235	.30965	.17290	1.79099	-.07778	-.07872	-.07358
3.900	20.381	.42446	.23924	1.77423	-.07777	-.07618	-.07613
3.900	25.583	.57066	.35463	1.60917	-.07778	-.07619	-.07358
3.900	30.652	.72018	.51032	1.41118	-.07523	-.07619	-.07358
3.900	36.098	.84829	.69938	1.21291	-.07523	-.07619	-.07102
3.900	41.378	.95879	.92153	1.03816	-.07268	-.07112	-.06846
3.900	43.499	.99088	1.01452	.97670	-.07013	-.06859	-.06335
	GRADIENT	.02048	-.00389	.16132	-.00024	-.00154	-.00000

OA44 UPWT 1035 CONF4 BB1C7EB3F8H4RSV7W107X16 (RPN888) (13 JUL 78)

REFERENCE DATA

SREF =	87.1380 SQ.IN.	XMRP =	12.5772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.3000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	-24.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	-14.250	SPDBRK =	54.920

RUN NO. 80/ 0 RN/L = 2.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPSC
4.600	-4.066	-.15788	.12100	-1.30484	-.05013	-.02863	-.04804
4.600	-1.962	-.11949	.10717	-1.11492	-.05010	-.04479	-.04801
4.600	-.966	-.10182	.10180	-1.00019	-.05007	-.04801	-.04470
4.600	.066	-.07658	.09657	-.79297	-.05007	-.05126	-.04798
4.600	1.092	-.05840	.09274	-.62971	-.05337	-.05128	-.04801
4.600	2.054	-.03646	.08961	-.40689	-.05337	-.05128	-.04801
4.600	4.109	.00528	.08628	.06123	-.05337	-.05126	-.04473
4.600	6.176	.05075	.08719	.58209	-.05337	-.05126	-.04801
4.600	8.356	.09959	.09357	1.06435	-.05334	-.05126	-.05127
4.600	10.266	.14461	.10344	1.39802	-.05334	-.05126	-.04798
4.600	12.602	.20142	.12066	1.66932	-.05334	-.05126	-.05127
4.600	16.471	.29885	.16252	1.83882	-.05334	-.05126	-.05127
4.600	20.583	.41424	.22991	1.80174	-.05662	-.05451	-.05127
4.600	25.710	.55606	.34336	1.61947	-.05663	-.05128	-.05129
4.600	30.954	.69256	.49059	1.41169	-.05663	-.05453	-.05129
4.600	37.329	.83987	.71783	1.16991	-.05337	-.05128	-.04801
4.600	41.324	.91863	.88342	1.03986	-.05334	-.05126	-.04470
4.600	43.403	.94712	.96724	.97920	-.05010	-.05128	-.04473
	GRADIENT	.02014	-.00429	.16918	-.00053	-.00251	.00023

OA44 UPWT 1035 CONF4 B21C7E23F9M4R5V7W107X16 (RPN629) (10 JUL 73)

REFERENCE DATA

SREF =	87.1580 SQ.IN.	XMRP =	12.5772 INCHES
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES
SCALE =	.0190 SCALE		

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	54.920

RUN NO. 83/ 0 RN/L = 2.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
2.500	-4.888	-.16338	.14585	-1.12178	-.15071	-.16403	-.14755
2.500	-2.743	-.10444	.13483	-.77461	-.15211	-.16195	-.15427
2.500	-1.708	-.07006	.13095	-.53506	-.15205	-.16193	-.15066
2.500	-.596	-.03793	.12796	-.29645	-.15209	-.16196	-.14893
2.500	.407	-.00969	.12570	-.07709	-.15060	-.16044	-.14744
2.500	1.414	.02068	.12491	.16556	-.15062	-.15872	-.14923
2.500	3.556	.08450	.12713	.66473	-.15066	-.15525	-.14750
2.500	5.661	.14831	.13457	1.10209	-.15419	-.15876	-.15105
2.500	7.890	.21373	.14716	1.45236	-.15939	-.16043	-.15626
2.500	9.920	.27646	.16341	1.69184	-.15942	-.15871	-.15629
2.500	12.268	.34881	.18890	1.84648	-.16472	-.16048	-.15985
2.500	18.314	.47821	.25239	1.89474	-.17704	-.17273	-.17399
2.500	20.500	.61397	.34117	1.79960	-.18231	-.17795	-.17750
2.500	25.841	.78354	.48852	1.60390	-.18762	-.18149	-.18284
2.500	31.298	.94047	.67505	1.39318	-.17706	-.17100	-.16870
2.500	36.631	1.07121	.90055	1.18951	-.17884	-.17801	-.16697
2.500	42.065	1.17250	1.16427	1.00707	-.18233	-.17798	-.17400
2.500	44.219	1.19658	1.27239	.94041	-.18406	-.17969	-.17398
	GRADIENT	.02946	-.00225	.21446	.00010	.00097	.00030

OA44 UPWT 1035 CONF4 B21C7E23F9H4R3V7W107X16 (RPHB29) (10 JUL 73)

REFERENCE DATA

SREF =	67.1360 SQ.IN.	XMRP =	18.8772 INCHES		
LREF =	7.1220 INCHES	YMRP =	.0000 INCHES		
BREF =	14.0502 INCHES	ZMRP =	6.0000 INCHES		
SCALE =	.0150 SCALE				

PARAMETRIC DATA

BETA =	.000	ELEVTR =	.000
AILRON =	.000	RUDDER =	.000
BDFLAP =	13.750	SPDBRK =	24.920

RUN NO. 81/ 0 RN/L = 2.90 GRADIENT INTERVAL = -3.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBH	CPBC
3.900	-4.454	-.12863	.11323	-1.13597	-.07263	-.05106	-.07116
3.900	-2.339	-.09129	.10260	-.88801	-.07262	-.05064	-.07116
3.900	-1.345	-.07251	.09904	-.73210	-.07260	-.07126	-.07369
3.900	-.279	-.05052	.09563	-.52833	-.07279	-.07378	-.07368
3.900	.751	-.02858	.09344	-.30586	-.07278	-.07377	-.07111
3.900	1.699	-.00948	.09191	-.10310	-.07533	-.07630	-.07367
3.900	3.793	.03405	.09192	.37049	-.07533	-.07630	-.07111
3.900	5.866	.08034	.09580	.83859	-.07533	-.07630	-.07111
3.900	8.018	.13181	.10485	1.25714	-.07533	-.07630	-.07367
3.900	9.985	.18588	.11836	1.57056	-.07533	-.07630	-.07623
3.900	12.325	.24603	.13906	1.76929	-.07768	-.07631	-.07624
3.900	16.251	.35002	.19936	1.89590	-.07769	-.07631	-.07624
3.900	20.303	.46536	.26663	1.82109	-.07769	-.07631	-.07880
3.900	25.021	.64364	.39698	1.61482	-.07769	-.07631	-.07624
3.900	30.871	.80052	.57165	1.40037	-.07789	-.07378	-.07368
3.900	36.123	.93018	.78539	1.19582	-.07534	-.07378	-.07368
3.900	41.422	1.03606	1.03992	1.01946	-.07535	-.07379	-.07113
3.900	43.573	1.08141	1.14467	.95347	-.07279	-.07123	-.06857
	GRADIENT	.01988	-.00262	.18570	-.00034	-.00322	-.00005

OA44 UPWT 1035 CONF4 B21C7E23F5H4R5V7W107X16 (RPHB29) (10 JUL 73)

REFERENCE DATA

SREF = 87.1560 SQ.IN. XMRP = 12.5772 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0302 INCHES ZMRP = 6.0000 INCHES
SCALE = .0190 SCALE

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 RUDDER = .000
SPDFLAP = 13.730 SPDBRK = 54.920

RUN NO. 82/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CL	CD	L/D	CPB	CPBM	CPSC
4.600	-4.054	.12293	.10822	1.13594	-.05351	-.01900	-.04814
4.600	-1.982	-.08498	.09647	-.88072	-.05351	-.02549	-.05142
4.600	-.981	-.08774	.09233	-.73362	-.05351	-.03647	-.04814
4.600	.080	-.04669	.08862	-.52685	-.05351	-.04493	-.04814
4.600	1.117	-.02920	.08812	-.33909	-.05351	-.04820	-.05142
4.600	2.084	-.00773	.08436	-.09159	-.05351	-.05144	-.04814
4.600	4.133	.03036	.08366	.36291	-.05351	-.05144	-.04814
4.600	6.201	.07578	.08699	.87115	-.05351	-.04820	-.04814
4.600	8.347	.12785	.09379	1.36306	-.05351	-.04820	-.05142
4.600	10.313	.17599	.10809	1.62814	-.05351	-.05144	-.05142
4.600	12.589	.23278	.12861	1.81004	-.05677	-.05144	-.05142
4.600	16.481	.34437	.17834	1.93100	-.05677	-.05144	-.05142
4.600	20.614	.45519	.25353	1.83488	-.05677	-.05144	-.05142
4.600	25.756	.61830	.38194	1.61884	-.05351	-.05144	-.05142
4.600	30.966	.77012	.54949	1.40153	-.05351	-.05144	-.05142
4.600	36.144	.90496	.75862	1.19606	-.05351	-.05144	-.04814
4.600	41.359	1.01448	.99383	1.02078	-.05351	-.04820	-.04814
4.600	43.458	1.04446	1.03867	.95939	-.05024	-.04820	-.04814
	GRADIENT	.01880	-.00301	.18564	.00000	-.00447	.00007